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SEPTEMBER 1971 SUMMARY

FEDERAL MILK ORDER

MARKET STATISTICS

SEPTEMBER HIGHLIGHTS

MINIMUM CLASS I PRICE \$6.86; BLEND, \$6.31

PRODUCER DELIVERIES UP 4.3 PERCENT

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PRODUCER MILK USED IN CLASS I UP 0.7 PERCENT

NOV 22 1971

64 PERCENT OF DELIVERIES USED IN CLASS I

PROCUREMENT SECTION
CURRENT SERIAL RECORDS

IN-AREA FLUID MILK SALES UP 1.1 PERCENT

* * * * * * * * * * * * * * * *
* *
* SPECIAL THIS ISSUE *
* *
* Movements of Milk and Cream *
* *
* See Page 28 *
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FEDERAL MILK ORDER MARKET STATISTICS

Summary

Producer deliveries and producer deliveries used in Class I :: Prices per 100 pounds (3.5 percent)									
Year and month	Number of mktcs.	Prod. of deliveries	Change: from prev. year	Del. from prev. year	Change: used in Class I year	Class I utilization	Class I	Blend	Blended
No.	Bil.lb.	Pct.	Bil.lb.	Pct.	Percent	Dollars	Dollars		
1966	71	53.0	-2.6	34.8	0.7	66	5.55	4.95	
1967	74	53.8	1.4	34.4	-1.1	64	5.85	5.17	
1968	67	56.4	5.0	36.5	6.0	65	6.23	5.53	
1969	67	61.0	8.1	39.2	7.3	64	6.50	5.74	
1970	62	65.1	6.6	40.4	2.1	62	6.74	5.95	

Producer deliveries and producer deliveries used in Class I :: Prices per 100 pounds (3.5 percent)									
Year and month	Number of comp. mktcs.	Prod. of deliveries	Change: from prev. year	Del. from prev. year	Change: used in Class I year	Utilization	Class I	Class I	Blend
No.	Bil.lb.	Pct.	Bil.lb.	Pct.	Percent	Dollars	Dollars		
1971:									
Jan.	61	5.6	4.6	3.5	-3.4	62	67	6.93	6.72
Feb.	61	5.1	4.1	3.2	.5	62	64	6.89	6.76
Mar.	60	5.9	4.4	3.5	3.4	60	61	6.93	6.72
Apr.	60	5.9	4.8	3.3	0	57	59	6.91	6.66
May	60	6.2	3.8	3.3	-.2	52	54	6.93	6.69
June	60	6.0	5.1	3.0	-1.0	51	54	6.88	6.67
July	60	5.7	4.0	3.1	.7	55	57	6.87	6.70
Aug.	60	5.5	4.3	3.1	.8	57	59	6.87	6.69
Sept.	60	5.3	4.3	3.4	.7	64	66	6.86	6.70
Oct.	:	:	:	:	:	:	:	:	:
Nov.	:	:	:	:	:	:	:	:	:
Dec.	:	:	:	:	:	:	:	:	:

Minimum Prices. The weighted average Class I price paid by handlers regulated under 60 comparable Federal milk order markets for 3.5 percent milk in September 1971 was \$6.86 per hundredweight, 16 cents higher than the \$6.70 per hundredweight price in September 1970. (See table 2.) Class I prices announced for October 1971 with comparisons with October 1970 are shown on table 1.

Producers in the 60 markets received a weighted average blend price of \$6.31 per hundredweight for 3.5 percent milk in September 1971, 13 cents higher than the \$6.18 price received by producers in September 1970. Class prices, blend prices, and associated butterfat differentials, by markets, are reported on table 2.

The weighted average Class I price for the January-September 1971 period for the 60 markets was \$6.90, 20 cents higher than the \$6.70 price for the same period in 1970. The weighted average blend price for January-September 1971 was \$6.01, 16 cents higher than the blend price of \$5.85 reported for the same period in 1970. (See table 3.)

Producer Deliveries. A total of 139,501 producers delivered 5.3 billion pounds of milk to handlers in the 60 markets during September 1971. The volume is 4.3 percent above producer deliveries in September 1970. Average daily delivery per producer increased from 1,195 pounds in September 1970, to 1,268 pounds in September of this year. Producer number, producer deliveries, average butterfat percentages, and average daily delivery per producer for individual markets are shown on table 4.

Producer deliveries during the first nine months of 1971 totaled 51.2 billion pounds in 60 markets, 4.4 percent above producer deliveries made during the same period in 1970. (See table 6.)

Producer Deliveries Used in Class I. The volume of producer deliveries used in Class I in 60 markets increased 0.7 percent from last year, to a total of 3.4 billion pounds for September 1971. (See table 5.)

The volume of producer deliveries used in Class I during the first nine months of 1971 in 60 markets, totaled 29.5 billion pounds, 0.1 percent above such Class I use during the same period in 1970. (See table 6.)

Percentage of Producer Deliveries Used in Class I. The average Class I utilization percentage for 60 markets for September 1971 was 64 percent, two percent below that in September 1970. (See table 5.) The average utilization percentage in 60 markets for the first nine months of 1971 was 58 percent, compared to 60 percent for the first nine months of 1970. (See table 6.)

Producer Deliveries Used in Other Than Class I. The volume of producer deliveries used in other than Class I products in the 60 markets totaled 1.9 billion pounds in September 1971, 3.6 percent of producer deliveries. Table 9 shows for 58 markets where data were available, the percentage of whole milk equivalent used in manufactured products during the first months of 1971.

Filled and Imitation Milk Sales. Survey data of filled milk sales in Federal order markets are presented on table 12.

Fluid Milk Product Sales. Total in-area sales for September 1971 are estimated to be about 2.8 billion pounds, 1.1 percent above such sales in September of last year. Such estimated total fluid sales, adjusted to eliminate variations in data due to calendar composition, would show an increase in sales of 1.2 percent.

Actual total fluid in-area sales for August 1971 were 1.2 percent above sales for August 1970. Total fluid sales for August 1971, adjusted to eliminate variations in data due to calendar composition, showed a 2.2 percent increase in sales from August 1970. August 1971 sales of skim and lowfat milk and cream items compared to August 1970 show increases on an unadjusted basis. Sales of whole milk and milk and cream mixtures during August this year were below August of 1970, on an unadjusted basis. Complete in-area sales of total fluid items, and the four major groupings of products (whole milk, skim milk items, mixtures and cream) are reported on table 7.

For January through August 1971, actual in-area sales of fluid milk items in Federal order markets where comparable data are available were 1.0 percent above total fluid sales for January through August 1970. Sales of skim items have increased while the sales of most other fluid milk items have decreased during the first eight months of this year, compared to the same period of last year. Daily average sales of individual fluid milk products for the first eight months of 1971 are shown on table 8.

Total fluid in-area sales; changes in sales and butterfat content of the four major fluid milk product groups and total fluid products

		Whole Milk Items	Skim Milk Items	Milk and Cream Mixtures	Cream Items	Bil. lb.	Total Fluid Items						
Year	No. of	Percent:	Percent:	Percent:	Percent:	Percent:	Percent:						
	:comp: :Change: :Change: :Change: :Change: :Change: :Change: :	:Over : Of : Bf. : over : Of : Bf. : over : total: Bf. : over : Of : Bf. : over : Of : Bf. :	:mkts.: prev.:total: test: prev.:total: test: prev.:fluid: test: prev.:total: test: Total: prev.:total: test:	:over : Of : Bf. : over : Of : Bf. : over : total: Bf. : over : Of : Bf. : over : Of : Bf. :	:year : fluid: :year : fluid: :year : 1/: :year : fluid: :year : fluid: :	:year : fluid: :	:year : fluid: :						
1966	: 66	-0.4	85.0	3.52: +13.5	12.7	1.43: -2.0	1.4	11.7: -5.2	0.9	22.8: 24.5	+1.2	100.0	3.53
1967	: 67	-2.9	83.1	3.50: +13.4	14.7	1.49: -5.2	1.4	11.5: -6.0	.8	22.7: 24.9	-.9	100.0	3.46
1968	: 62	-.7	81.1	3.49: +16.2	16.8	1.48: -3.2	1.4	11.4: -4.2	.7	22.5: 28.3	+1.7	100.0	3.40
1969	: 60	-1.9	78.8	3.47: +13.6	19.2	1.51: -6.3	1.3	11.4: -4.8	.7	22.2: 30.0	+.6	100.0	3.32
1970	: 55	-2.3	77.0	3.46: + 8.2	21.1	1.54: -7.5	1.2	11.3: -2.1	.7	22.0: 30.9	-.3	100.0	3.27
1971	: 58	-4.7	76.6	3.46: + 4.1	21.9	1.55: -10.1	0.9	11.4: -2.5	0.6	21.4: 2.9	-2.9	100.0	3.22
Jan.	: 58	-1.0	76.0	3.45: +10.3	22.4	1.54: -6.3	1.0	11.4: +4.9	.6	21.5: 2.6	+1.3	100.0	3.21
Feb.	: 58	+2.8	75.8	3.44: +13.0	22.6	1.54: -5.4	1.0	11.4: -1.8	.6	21.7: 2.9	+4.9	100.0	3.20
Mar.	: 58	-2.1	75.2	3.44: +10.1	23.1	1.53: -5.3	1.0	11.3: +10.1	.7	22.2: 2.8	+5	100.0	3.20
Apr.	: 58	-2.1	75.1	3.44: +10.2	23.2	1.53: -7.6	1.0	11.3: +1.8	.7	22.2: 2.7	+5	100.0	3.20
May	: 58	-2.9	73.7	3.44: +10.5	24.5	1.53: -8.7	1.1	11.3: +6.6	.7	22.3: 2.5	+1	100.0	3.19
June	: 58	-.3	73.7	3.44: +13.5	24.5	1.53: -2.9	1.1	11.3: +6.3	.7	22.2: 2.6	+2.9	100.0	3.19
July	: 58	-1.9	73.8	3.44: +11.7	24.4	1.54: -4.4	1.1	11.3: +3.1	.7	21.6: 2.6	+1.2	100.0	3.19
Sept.	:	:	:	:	:	:	:	:	:	:	:	:	
Oct.	:	:	:	:	:	:	:	:	:	:	:	:	
Nov.	:	:	:	:	:	:	:	:	:	:	:	:	
Dec.	:	:	:	:	:	:	:	:	:	:	:	:	
Year	:	:	:	:	:	:	:	:	:	:	:	:	

1/ Includes eggnog.

2/ See table 8 for monthly sales adjusted to eliminate variations in data due to calendar composition.

Table 1.--Federal order fluid differentials, October 1971, and minimum Class I prices for milk of 3.5 percent butterfat content, f.o.b. market or other indicated point*, and butterfat differentials, October 1970 and 1971

Marketing area	Fluid	:	:	:	Marketing area	Fluid	:	:	
	diff.	:	Class I price	Fat diff.		diff.	:	Class I price	Fat diff.
	per	per 100 lb.	per 100 lb.	0.1%		per	per 100 lb.	per 100 lb.	0.1%
	100 lb.	1/				100 lb.	1/		
			October					October	
	1971	1971	1970	1971	1970		1971	1971	1970
		Dollars		Cents				Dollars	
									Cents
NEW ENGLAND						WEST NORTH CENTRAL -Con.			
Boston Regional	2/	2.98	7.81	7.64	8.0	Southern Group			
Connecticut	2/	2.98	7.81	7.64	8.0	St. Louis-Ozarks	1.60	6.43	6.26
						Kansas City	1.74	6.57	6.40
MIDDLE ATLANTIC						Neosho Valley	1/	6.65	6.48
New York-New Jersey	2/	2.64	7.47	7.30	8.0	Wichita	1.80	6.63	6.46
Middle Atlantic	2/	2.78	7.61	7.44	8.0				
SOUTH ATLANTIC						EAST SOUTH CENTRAL			
Appalachian		2.13	6.96	6.79	8.2	Paducah	3/	1.85	6.68
Tampa Bay		2.95	7.78	7.41	7.5	Nashville		6.51	8.2
Southeastern Florida		3.15	7.98	7.61	7.5	Memphis	1.58	6.41	6.24
Upper Florida		2.85	7.68	7.31	7.5	Knoxville	1.94	6.77	6.60
						Chattanooga	1.70	6.53	6.20
EAST NORTH CENTRAL						Mississippi	2.15	6.98	6.81
<u>Eastern Group</u>						Georgia	2.47	7.30	7.13
Upstate Michigan		1.49	6.32	6.15	8.0		2.30	7.13	6.96
Southern Michigan		1.60	6.43	6.26	7.7	WEST SOUTH CENTRAL			
Eastern Ohio-Western Pa.		1.87	6.70	6.53	8.2	<u>Northern Group</u>			
Ohio Valley		1.70	6.53	6.36	8.2	Central Arkansas	1.94	6.77	6.60
						Fort Smith	1.95	6.78	6.61
<u>Western Group</u>						Oklahoma Metropolitan	1.98	6.81	6.64
Mich. Upper Peninsula		1.35	6.18	6.01	8.5	Red River Valley	1/	2.20	7.03
Chicago Regional		1.26	6.09	5.92	8.2	Texas Panhandle	2.25	7.08	6.91
Louisville-Lex.-Evans.		1.49	6.32	6.15	8.2	Lubbock-Plainview	2.42	7.25	7.08
Indiana		1.47	6.30	6.13	8.2				
Southern Illinois	3/	1.53	6.36	6.19	8.2	<u>Southern Group</u>			
Central Illinois		1.39	6.22	6.05	8.2	Northern Louisiana	2.47	7.30	7.13
						New Orleans	2.85	7.68	7.51
WEST NORTH CENTRAL						North Texas	2.32	7.15	6.98
<u>Northern Group</u>						Central West Texas	2.57	7.40	7.23
Duluth-Superior		1.10	5.93	5.76	8.9	Austin-Waco	2.70	7.53	7.36
Minneapolis-St. Paul		1.06	5.89	5.72	8.2	San Antonio	2.74	7.57	7.40
Eastern South Dakota		1.50	6.33	6.16	8.2	Corpus Christi	3.07	7.90	7.73
Black Hills		1.95	6.78	6.61	8.2	South Texas	2.68	7.51	7.34
North Central Iowa		1.25	6.08	5.91	8.2				
Cedar Rapids-Iowa City		1.30	6.13	5.96	8.2	MOUNTAIN			
Quad Cities-Dubuque		1.30	6.13	5.96	8.5	Eastern Colorado	2.30	7.13	6.96
Des Moines		1.45	6.28	6.11	8.2	Great Basin	1.90	6.73	6.91
Nebraska-Western Iowa		1.60	6.43	6.26	8.5	Western Colorado	2.00	6.83	6.91
Minnesota-North Dakota		1.30	6.13	5.96	8.2	Central Arizona	2.52	7.35	7.18
Southeastern Minnesota-						Rio Grande Valley	2.35	7.18	7.01
Northern Iowa		1.06	5.89	5.72	8.2				
						<u>PACIFIC</u>			
						Puget Sound	1.85	6.68	6.51
						Inland Empire	1.95	6.78	6.61
						Oregon-Washington	1.95	6.78	6.61

* Generally the major city in the marketing area. See footnotes on table 2 for location.

1 Added to the basic formula price to arrive at the Class I price. The basic formula price is the Minnesota-Wisconsin price for the preceding month adjusted to a 3.5 percent butterfat content.

2/ Effective fluid differential derived from the provisions of the order. May be added to the Minnesota-Wisconsin price for the preceding month to determine the Class I price for the month. Order specifies a basic price to which is added an amount by which the Minnesota-Wisconsin price at 3.5 percent butterfat for the preceding month exceeds \$4.33.

3/ Tied to the St. Louis-Ozarks order

4/ Tied to the Oklahoma Metropolitan order.

TABLE 2.--FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT* AND BUTTERFAT DIFFERENTIALS, SEPTEMBER**

MARKETING AREA	PRICES PER 100 POUNDS							FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND	
	SEPT 1971	SEPT 1970	SEPT 1971	SEPT 1970	SEPTEMBER 1971		SEPTEMBER 1971				
<u>DOLLARS</u>											<u>CENTS</u>
NEW ENGLAND											
BOSTON REGIONAL 1/	7.75	7.59	7.06	6.92	4.95	---	8.0	8.0	---	---	8.0
CONNECTICUT	7.75	7.59	7.52	7.47	4.95	---	8.0	8.0	---	---	8.0
AVERAGE 2/	7.75	7.59	7.19	7.05	---	---	8.0	---	---	---	8.0
MIDDLE ATLANTIC											
NEW YORK-NEW JERSEY 3/	7.41	7.25	6.68	6.61	4.97	---	8.0	8.0	---	---	8.0
MIDDLE ATLANTIC 4/	7.55	7.39	6.64	6.51	4.91	---	8.0	8.0	---	---	8.0
AVERAGE 2/	7.46	7.30	6.67	6.58	---	---	8.0	---	---	---	8.0
SOUTH ATLANTIC											
APPALACHIAN 5/	6.90	6.74	6.69	6.57	4.74	---	8.1	7.5	---	---	8.0
TAMPA BAY	7.72	7.36	7.63	7.26	4.98	---	7.5	7.8	---	---	7.5
SOUTHEASTERN FLORIDA 6/	7.92	7.56	7.72	7.42	4.98	3.12	7.5	7.8	7.8	7.5	
UPPER FLORIDA 7/	7.62	7.26	7.56	7.21	4.98	---	7.5	7.8	---	---	7.5
AVERAGE 2/	7.54	7.25	7.44	7.14	---	---	7.6	---	---	---	7.6
EAST NORTH CENTRAL											
EASTERN GROUP											
UPSTATE MICHIGAN 8/	6.26	6.10	5.94	5.68	4.98	4.88	7.5	7.5	7.5	7.5	
SOUTHERN MICHIGAN 9/	6.37	6.21	5.81	5.71	4.98	4.83	7.7	7.7	7.7	7.5	
EASTERN OHIO-WESTERN PA. 10/	6.64	6.48	6.34	5.93	4.93	4.83	8.1	7.8	7.8	8.0	
OHIO VALLEY 11/	6.47	6.31	6.31	6.15	4.93	4.83	8.1	7.8	7.8	8.0	
AVERAGE 2/	6.49	6.33	6.12	5.91	---	---	8.0	---	---	---	7.8
WESTERN GROUP											
MICHIGAN UPPER PENINSULA 12/	6.12	5.96	13/5.70	13/5.64	4.33	---	8.5	7.8	---	---	8.3
CHICAGO REGIONAL 14/	6.03	5.87	5.50	5.36	4.83	---	8.1	8.2	---	---	8.2
LSVILLE-LXGTN-EVNSVILLE	6.26	6.10	6.27	6.18	4.83	---	8.1	8.2	---	---	8.1
INDIANA 15/	6.24	6.08	6.18	6.09	4.83	---	8.1	7.7	---	---	7.9
SOUTHERN ILLINOIS 16/	6.30	6.14	6.14	5.98	4.83	---	8.1	7.8	---	---	8.0
CENTRAL ILLINOIS 17/	6.16	6.00	5.89	5.82	4.83	---	8.1	7.8	---	---	8.0
AVERAGE 2/	6.13	5.97	5.74	5.61	---	---	8.1	---	---	---	8.1
WEST NORTH CENTRAL											
NORTHERN GROUP											
DULUTH - SUPERIOR	5.87	5.71	5.38	5.22	4.73	---	8.8	8.2	---	---	8.5
MINNEAPOLIS - ST. PAUL	5.83	5.67	5.45	5.32	4.83	---	8.1	8.0	---	---	8.0
EASTERN SOUTH DAKOTA 18/	6.27	6.11	5.62	5.04	4.83	---	8.1	7.5	---	---	7.8
BLACK HILLS 19/	6.72	6.56	6.04	5.55	4.83	---	8.1	7.5	---	---	7.8
NORTH CENTRAL IOWA 20/	6.02	5.86	21/5.59	21/5.59	4.83	---	8.1	7.8	---	---	8.0
CEDAR RAPIDS - IOWA CITY	6.07	5.91	5.68	5.42	4.83	---	8.1	7.5	---	---	7.8
QUAD CITIES - DUBUQUE 22/	6.07	5.91	5.58	5.50	4.83	---	8.5	7.8	---	---	8.2
DES MOINES	6.22	6.06	5.69	5.59	4.83	---	8.1	7.5	---	---	7.8
NEBRASKA - WESTERN IOWA 14/	6.37	6.21	5.77	5.71	4.98	4.83	8.5	7.8	7.8	8.2	
MINNESOTA - NORTH DAKOTA 23/	6.07	5.91	5.32	5.22	4.83	---	8.1	7.8	---	---	7.9
S.E. MINN.-NORTHERN IOWA	5.83	5.67	5.45	5.29	4.83	---	8.1	8.0	---	---	8.0
AVERAGE 2/	6.05	5.89	5.54	5.45	---	---	8.2	---	---	---	8.0

CONTINUED

TABLE 2--FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.D.O. MARKET OR OTHER INDICATED POINT*, AND BUTTERFAT DIFFERENTIALS, SEPTEMBER** -CON.

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND
	SEPT 1971	SEPT 1970	SEPT 1971	SEPT 1970	SEPTEMBER 1971			SEPTEMBER 1971		
DOLLARS										CENTS
WEST NORTH CENTRAL -CON.										
SOUTHERN GROUP										
ST LOUIS - OZARKS 24/	6.37	6.21	6.11	5.98	4.83	---	8.1	7.8	---	8.0
KANSAS CITY 25/	6.51	6.35	5.93	5.74	4.98	4.83	8.1	7.8	7.8	7.2
NEDSHO VALLEY 26/	6.42	6.26	5.58	5.71	4.83	---	8.5	7.8	---	8.2
WICHITA 14/	6.57	6.41	6.19	6.12	4.98	4.83	8.1	7.8	7.8	8.0
AVERAGE 27/	6.44	6.29	6.04	5.90	---	---	8.1	---	---	7.7
EAST SOUTH CENTRAL										
PADUCAH	6.62	6.46	6.30	6.21	4.83	---	8.1	7.8	---	7.5
NASHVILLE	6.35	6.19	6.04	5.92	4.83	---	8.1	7.8	---	8.2
MEMPHIS	6.71	6.55	21/ 6.42	21/ 6.28	4.83	---	8.1	7.8	---	7.5
KNOXVILLE	6.47	6.23	6.16	5.97	4.83	---	8.1	7.8	---	8.0
CHATTANOOGA	6.92	6.76	6.30	6.32	4.83	---	8.1	7.8	---	8.0
MISSISSIPPI 27/	7.24	7.08	6.86	6.82	4.83	---	8.1	7.5	---	8.0
GEORGIA 28/	7.07	6.91	6.83	6.68	4.83	---	8.1	7.8	---	8.0
AVERAGE 27/	6.87	6.70	6.53	6.42	---	---	8.1	---	---	8.0
WEST SOUTH CENTRAL										
NORTHERN GROUP										
CENTRAL ARKANSAS 29/	6.71	6.55	6.73	6.46	4.83	---	8.1	7.8	---	8.1
FORT SMITH	6.72	6.56	21/ 6.47	21/ 6.25	4.83	---	8.5	7.8	---	8.2
OKLAHOMA METROPOLITAN 30/	6.75	6.59	6.05	5.98	4.69	---	8.5	7.8	---	8.2
RED RIVER VALLEY 31/	6.97	6.81	6.16	5.71	4.69	---	8.5	7.8	---	8.2
TEXAS PANHANDLE 32/	7.02	6.86	6.78	6.66	4.88	---	8.1	7.5	---	8.0
LUBBOCK - PLAINVIEW	7.19	7.03	6.96	6.90	4.87	---	8.5	7.8	---	8.4
AVERAGE 2/	6.81	6.66	6.26	6.12	---	---	8.4	---	---	8.2
SOUTHERN GROUP										
NORTHERN LOUISIANA 33/	7.24	7.08	7.04	6.96	4.83	---	8.1	7.5	---	8.0
NEW ORLEANS	7.62	7.46	6.81	6.80	4.83	---	8.1	7.5	---	7.9
NORTH TEXAS 34/	7.09	6.93	6.66	6.45	4.87	---	8.5	7.8	---	8.3
CENTRAL WEST TEXAS 35/	7.34	7.18	6.46	6.90	4.87	---	8.5	7.8	---	8.2
SAN ANTONIO 36/	7.51	7.35	7.31	7.08	37/ 4.80	---	8.5	7.4	---	7.5
CORPUS CHRISTI 38/	7.84	7.68	7.32	6.91	5.13	4.88	8.1	7.5	7.5	7.9
SOUTH TEXAS 39/	7.45	7.29	6.97	6.81	4.83	---	8.5	7.8	---	8.3
AVERAGE 2/	7.36	7.20	6.86	6.73	---	---	8.4	---	---	8.1
MOUNTAIN										
EASTERN COLORADO 40/	7.07	6.91	6.55	6.43	4.98	4.83	9.8	8.2	8.2	8.6
GREAT BASIN 41/	6.67	6.86	5.98	5.88	4.98	4.83	8.1	7.8	7.8	7.9
WESTERN COLORADO 42/	6.77	6.86	6.36	6.41	4.88	4.83	8.1	8.2	8.2	8.1
CENTRAL ARIZONA 43/	7.29	7.13	6.84	6.60	5.13	4.88	9.2	7.8	7.8	8.9
RIO GRANDE VALLEY 44/	7.12	6.96	6.74	6.48	4.87	---	8.5	7.8	---	8.3
AVERAGE 2/	7.05	6.97	6.52	6.36	---	---	8.7	---	---	8.5
PACIFIC										
PUGET SOUND 45/	6.62	6.46	5.69	5.58	5.08	4.83	8.5	8.2	8.2	8.3
INLAND EMPIRE 46/	6.72	6.56	5.99	5.85	5.07	4.92	8.3	7.8	7.8	8.0
OREGON - WASHINGTON 47/	6.72	6.56	5.96	5.86	5.08	4.83	8.1	7.8	7.8	7.9
AVERAGE 2/	6.68	6.52	5.82	5.72	---	---	8.3	---	---	8.1
60-MARKET AVERAGE 2/ 48/	6.86	6.70	6.31	6.18	---	---	8.1	---	---	8.0
ALL-MARKET AVERAGE 48/	6.86	6.70	6.31	6.18	---	---	8.1	---	---	8.0

* Major city in the marketing area. ** All averages are weighted.

1/ Boston nearby plant price. Price at 201-210 mile zone: Class I and blend, 40 cents less; Class II, 5.8 cents less.

2/ Markets under regulation on January 1, 1970, and which have had no significant marketing area expansions. Excludes Central Illinois.

3/ New York metropolitan area. Price excludes a 5-cent direct delivery differential. Prices at 201-210 mile zone: Class I and blend, 24 cents less; Class II, 8 cents less. 4/ Philadelphia, Baltimore, and Washington, D. C. Price excludes a 6-cent direct delivery differential applicable to milk delivered to Philadelphia. 5/ Bristol, Tennessee. 6/ Miami.

7/ Jacksonville and Tallahassee. 8/ Traverse City. 9/ Detroit. Price excludes an 8-cent direct delivery differential.

10/ Cleveland-Erie district. Class I and blend price at Toledo (Northwestern zone) 5 cents less and at Charleston, West Virginia (Southeastern zone) 5 cents more. 12/ Zone II (Marquette). 13/ Weighted average of all handlers' blend prices at all locations. 14/ Zone I.

15/ Indianapolis. 16/ Base zone (Alton). 17/ Peoria. 18/ Sioux Falls. 19/ Rapid City, South Dakota. 20/ Zone I (Waterloo).

21/ Weighted average of all handlers' blend prices. 22/ Rock Island, Illinois. 23/ Base zone (Fargo). 24/ Zone I (St. Louis).

25/ Kansas City and Topeka. 26/ Pittsburgh, Kansas. 27/ Gulfport. Class I and blend price at Jackson and Greenville 16 cents less.

28/ Atlanta. 29/ Little Rock. 30/ Oklahoma City. 31/ Wichita Falls, Texas. 32/ Amarillo. 33/ Monroe and Shreveport.

34/ Zone I (Dallas). 35/ Abilene. Class II-A (Cheddar cheese) \$4.27. 36/ Zone I-New Braunfels, Texas. 37/ Class II-A (Cheddar cheese) \$4.29. 38/ Mercedes. 39/ Houston. 40/ Denver. 41/ Salt Lake City, Utah. 42/ Grand Junction. 43/ Phoenix.

44/ Albuquerque, Santa Fe, and El Paso. 45/ District I (Seattle). 46/ Spokane, Washington. 47/ Portland. 48/ Excludes Austin-Waco. Fewer than three handlers. Austin-Waco prices: Class I 1971, \$7.47 and 1970, \$7.31; Blend 1971 \$7.05 and 1970, \$7.13; Class II 1971, \$4.88 and 1970, \$4.59. Fat differential: Class I 1971, 8.1¢ and 1970, 8.4¢; Class II 1971, 7.5¢ and 1970, 7.8¢; Blend 1971, 7.5¢ and 1970, 7.8¢.

TABLE 3.--FEDERAL CROER MINIMUM CLASS I AND BLENO PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B.
MARKET OR OTHER INDICATED POINT, JANUARY - SEPTEMBER, AVERAGES^{1/}

MARKETING AREA	CLASS I*			BLENO*		
	1971	1970	CHANGE 1971 OVER 1970	1971	1970	CHANGE 1971 OVER 1970
	<u>DOLLARS PER 100 POUNDS</u>					
NEW ENGLAND						
BOSTON REGIONAL	7.78	7.59	.19	6.52	6.37	.015
CONNECTICUT	7.78	7.59	.19	6.86	6.71	.015
AVERAGE 2/	7.78	7.59	.19	6.61	6.45	.016
MIDDLE ATLANTIC						
NEW YORK-NEW JERSEY	7.44	7.25	.19	6.12	5.95	.017
MIDDLE ATLANTIC	7.58	7.40	.18	6.54	6.38	.016
AVERAGE 2/	7.49	7.30	.19	6.25	6.08	.017
SOUTH ATLANTIC						
APPALACHIAN	6.93	6.74	.19	6.73	6.41	.032
TAMPA BAY	7.75	7.41	.34	7.40	7.09	.031
SOUTHEASTERN FLORIDA	7.95	7.62	.33	7.67	7.43	.024
UPPER FLORIDA	7.65	7.31	.34	7.47	7.20	.027
AVERAGE 2/	7.62	7.31	.31	7.37	7.08	.029
EAST NORTH CENTRAL						
EASTERN GROUP						
UP STATE MICHIGAN	6.28	6.10	.18	5.90	5.69	.021
SOUTHERN MICHIGAN	6.40	6.21	.19	5.82	5.63	.019
EASTERN OHIO-WESTERN PA.	6.67	6.48	.19	5.86	5.74	.012
OHIO VALLEY	6.50	6.27	.23	5.83	5.67	.016
AVERAGE 2/	6.52	6.32	.20	5.84	5.68	.016
WESTERN GROUP						
MICHIGAN UPPER PENINSULA	6.14	5.96	.18	5.72	5.54	.018
CHICAGO REGIONAL	6.06	5.82	.24	5.41	5.21	.020
LSVILLE-LXGTON-EVNSVILLE	6.29	6.10	.19	5.63	5.50	.013
INDIANA	6.27	6.08	.19	5.69	5.49	.020
SOUTHERN ILLINOIS	6.33	6.14	.19	5.69	5.53	.016
CENTRAL ILLINOIS	6.19	6.00	.19	5.53	5.28	.025
AVERAGE 2/	6.16	5.94	.22	5.50	5.31	.019
WEST NORTH CENTRAL						
NORTHERN GROUP						
OUULUTH - SUPERIOR	5.90	5.71	.19	5.22	4.95	.027
MINNEAPOLIS - ST. PAUL	5.86	5.67	.19	5.30	5.13	.017
EASTERN SOUTH DAKOTA	6.30	6.11	.19	5.58	5.42	.016
BLACK HILLS	6.74	6.56	.18	5.84	5.42	.042
NORTH CENTRAL IOWA	6.04	5.86	.18	5.56	5.34	.022
CEOAR RAPIDS - IOWA CITY	6.10	5.91	.19	5.51	5.28	.023
QUAD CITIES - OUBUQUE	6.10	5.91	.19	5.44	5.31	.013
OES MINESES	6.24	6.06	.18	5.57	5.49	.008
NEBRASKA - WESTERN IOWA	6.40	6.21	.19	5.72	5.64	.008
MINNESOTA - NORTH DAKOTA	6.10	5.91	.19	5.16	5.02	.014
S.E. MINN.-NORTHERN IDWA	5.86	5.67	.19	5.19	5.09	.010
AVERAGE 2/	6.08	5.90	.18	5.39	5.25	.014

CONTINUED

TABLE 3.--FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.D.8.
MARKET OR OTHER INDICATED POINT, JANUARY - SEPTEMBER, AVERAGES 1/ -CON.

MARKETING AREA	CLASS I*			BLEND*		
	1971	1970	CHANGE OVER 1970	1971	1970	CHANGE OVER 1970
	<u>DOLLARS PER 100 POUNDS</u>					
WEST NORTH CENTRAL -CON.						
SOUTHERN GROUP						
ST LOUIS - OZARKS	6.40	6.21	.19	5.66	5.51	.015
KANSAS CITY	6.54	6.35	.19	5.79	5.65	.014
NEOSHJ VALLEY	6.45	6.26	.19	5.56	5.70	.14-
WICHITA	6.60	6.41	.19	6.11	5.86	.25
AVERAGE 2/	6.47	6.28	.19	5.75	5.61	.014
EAST SOUTH CENTRAL						
PADUCAH	6.64	6.46	.18	5.98	5.82	.016
NASHVILLE	6.38	6.19	.19	5.88	5.71	.017
MEMPHIS	6.74	6.55	.19	6.45	6.28	.017
KNOXVILLE	6.50	6.05	.45	6.16	5.65	.51
CHATTANOOGA	6.95	6.76	.19	6.10	6.14	.04-
MISSISSIPPI	7.27	7.08	.19	6.25	6.12	.013
GEORGIA	7.10	6.91	.19	6.70	6.48	.022
AVERAGE 2/	6.91	6.70	.21	6.34	6.17	.017
WEST SOUTH CENTRAL						
NORTHERN GROUP						
CENTRAL ARKANSAS	6.74	6.55	.19	6.53	6.27	.026
FORT SMITH	6.74	6.56	.18	6.48	6.30	.018
OKLAHOMA METROPOLITAN	6.78	6.59	.19	5.67	5.80	.13-
RED RIVER VALLEY	7.00	6.81	.19	5.50	5.65	.15-
TEXAS PANHANDLE	7.05	6.86	.19	6.75	6.20	.055
LUBBBOCK - PLAINVIEW	7.22	7.03	.19	7.00	6.70	.030
AVERAGE 2/	6.84	6.66	.18	5.87	5.94	.07-
SOUTHERN GROUP						
NORTHERN LOUISIANA	7.27	7.08	.19	6.79	6.68	.011
NEW ORLEANS	7.65	7.46	.19	6.41	6.36	.005
NORTH TEXAS	7.12	6.93	.19	6.36	6.26	.010
CENTRAL WEST TEXAS	7.36	7.18	.18	6.40	6.82	.42-
SAN ANTONIO	7.53	7.35	.18	7.17	6.91	.26
CORPUS CHRISTI	7.87	7.68	.19	7.05	6.79	.26
SOUTH TEXAS	7.48	7.29	.19	6.68	6.62	.06
AVERAGE 2/	7.38	7.19	.19	6.58	6.49	.09
MOUNTAIN						
EASTERN COLORADO	7.10	6.89	.21	6.41	6.26	.015
GREAT BASIN	6.94	6.86	.08	5.89	5.70	.019
WESTERN COLORADO	6.80	6.84	.04-	6.01	6.25	.24-
CENTRAL ARIZONA	7.32	7.13	.19	6.64	6.45	.19
RIO GRANDE VALLEY	7.15	6.96	.19	6.65	6.14	.51
AVERAGE 2/	7.14	6.96	.18	6.38	6.16	.22
PACIFIC						
PUGET SOUND	6.65	6.46	.19	5.62	5.49	.013
INLAND EMPIRE	6.75	6.56	.19	5.83	5.70	.013
OREGON - WASHINGTON	6.75	6.56	.19	5.85	5.75	.010
AVERAGE 2/	6.70	6.51	.19	5.73	5.61	.012
60-MARKET AVERAGE 2/ 3/	6.90	6.70	.20	6.01	5.85	.016
ALL-MARKET AVERAGE 3/	6.90	6.70	.20	6.00	5.85	.015

* All prices are weighted.

1/ See footnotes on table 2 for location at which price is reported.

2/ Markets under regulation on January 1, 1970, and which have had no significant marketing area expansions. Excludes Central Illinois.

3/ Excludes Austin-Waco. Fewer than three handlers.

TABLE 4.--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, SEPTEMBER

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	SEPT 1971	CHANGE FROM SEPT 1970	SEPT 1971	SEPT 1970	CHANGE FROM SEPT 1970	SEPT 1971	SEPT 1970	SEPT 1971	SEPT 1970
			NUMBER	1,000 LBS.	PERCENT	PERCENT	PERCENT	POUNDS	POUNDS
NEW ENGLAND									
BOSTON REGIONAL	7,449	583-	287,994	295,259	2.5-	3.68	3.69	1,239	1,225
CONNECTICUT	2,002	241	111,442	91,371	22.0	3.61	3.61	1,855	1,730
AVERAGE DR TOTAL 1/	9,451	342-	399,436	386,630	3.3	3.66	3.67	---	---
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	25,147	1,135-	802,763	786,274	2.1	3.57	3.58	1,064	997
MIDDLE ATLANTIC	8,117	381-	370,650	370,853	0	3.58	3.56	1,522	1,455
AVERAGE DR TOTAL 1/	33,264	1,516-	1,173,413	1,157,127	1.4	3.57	3.57	---	---
SOUTH ATLANTIC									
APPALACHIAN	838	132-	34,070	34,597	1.5-	3.56	3.52	1,355	1,189
TAMPA BAY	110	1-	30,046	32,108	6.4-	3.63	3.62	8,966	9,642
SOUTHEASTERN FLORIDA	93	5	53,671	46,151	16.3	3.67	3.72	19,510	17,481
UPPER FLORIDA	195	3-	45,261	40,240	12.5	3.61	3.63	7,846	6,774
AVERAGE DR TOTAL 1/	1,236	131-	163,048	153,096	6.5	3.62	3.63	---	---
EAST NORTH CENTRAL									
EASTERN GROUP									
UPSTATE MICHIGAN	21	---	787	772	1.9	3.39	3.40	1,249	1,225
SOUTHERN MICHIGAN	3,415	177-	328,619	308,032	6.7	3.53	3.54	1,302	1,195
EASTERN OHIO-WESTERN PA.	9,246	647-	264,072	268,440	1.6-	3.62	3.63	952	904
OHIO VALLEY	3,148	361-	243,153	237,168	2.5	3.60	3.56	995	929
AVERAGE DR TOTAL 1/	25,830	1,185-	836,631	814,412	2.7	3.58	3.58	---	---
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	336	12-	9,147	8,887	2.9	3.69	3.71	907	851
CHICAGO REGIONAL	17,133	511	610,258	557,810	9.4	3.62	3.65	1,187	1,119
LSVILLE-LXGTION-EVNSVILLE	2,891	6	92,479	87,521	5.7	3.57	3.57	1,066	1,011
INDIANA	4,543	229	148,900	135,437	9.9	3.62	3.61	1,093	1,046
SOUTHERN ILLINOIS	2,400	60-	74,902	70,729	5.9	3.58	3.58	1,040	958
CENTRAL ILLINOIS	895	263	26,781	18,850	42.1	3.61	3.61	997	994
AVERAGE DR TOTAL 1/	27,303	674	935,686	860,384	8.8	3.61	3.63	---	---
WEST NORTH CENTRAL									
NORTHERN GROUP									
DULUTH - SUPERIOR	607	31-	13,422	12,729	5.4	3.66	3.74	737	665
MINNEAPOLIS - ST. PAUL	4,897	306	153,058	137,661	11.2	3.72	3.72	1,042	1,000
EASTERN SOUTH DAKOTA	485	91	19,759	14,780	33.6	3.45	3.46	1,358	1,251
BLACK HILLS	70	16-	4,155	4,794	13.3-	3.51	3.50	1,979	1,858
NORTH CENTRAL IOWA	637	103	16,557	10,852	52.6	3.56	3.67	1,065	1,020
CEDAR RAPIDS - IDAHO CITY	328	66-	9,151	9,962	8.1-	3.52	3.61	1,030	985
QUAD CITIES - DUBUQUE	847	294-	28,796	35,914	19.8-	3.60	3.61	1,145	1,077
DES MOINES	1,453	249	41,935	33,003	27.1	3.60	3.66	1,058	1,058
NEBRASKA - WESTERN IDAHO	1,787	20	74,278	69,883	6.3	3.54	3.60	1,386	1,318
MINNESOTA - NORTH DAKOTA	1,842	131	47,211	42,218	11.8	3.53	3.54	854	822
S.E. MINN.-NORTHERN IDAHO	904	156-	29,888	34,072	12.3-	3.62	3.56	1,102	1,071
AVERAGE DR TOTAL 1/	13,857	337	438,210	405,874	8.0	3.62	3.64	---	---

CONTINUED

TABLE 4.--NUMBER OF PRODUCERS DELIVERING MILK TO HANOLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, SEPTEMBER -CON.

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	SEPT 1971	CHANGE FROM SEPT 1970	SEPT 1971	SEPT 1970	CHANGE FROM SEPT 1970	SEPT 1971	SEPT 1970	SEPT 1971	SEPT 1970
	NUMBER		1,000 LBS.	PERCENT	PERCENT			POUNDS	
WEST NORTH CENTRAL -CON.									
SOUTHERN GROUP									
ST LOUIS - OZARKS	3,275	22	123,259	114,274	7.9	3.58	3.55	1,255	1,171
KANSAS CITY	2,245	30	91,260	86,503	5.5	3.54	3.53	1,355	1,302
NEOSHO VALLEY	143	-136	5,204	7,746	32.8-	3.47	3.50	1,385	1,275
WICHITA	480	232-	18,162	28,504	36.3-	3.46	3.48	1,573	1,521
AVERAGE OR TOTAL ^{1/}	5,143	316-	237,885	237,027	.4	3.55	3.53	---	---
EAST SOUTH CENTRAL									
PAOUCAH	303	38-	10,255	9,779	4.9	3.79	3.72	1,128	956
NASHVILLE	1,055	58-	43,484	42,755	1.7	3.71	3.63	1,374	1,280
MEMPHIS	662	77-	28,251	30,851	8.4-	3.59	3.52	1,676	1,640
KNOXVILLE	443	42-	16,229	16,066	1.0	3.60	3.57	1,221	1,104
CHATTANOOGA	789	47	36,256	32,738	10.7	3.71	3.68	1,532	1,471
MISSISSIPPI	930	52-	39,271	37,088	5.9	3.79	3.78	1,408	1,350
GEORGIA	1,363	71-	92,711	94,975	2.4-	3.61	3.64	2,267	2,208
AVERAGE OR TOTAL ^{1/}	5,545	291-	266,457	264,252	.8	3.67	3.65	---	---
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS	569	128-	18,965	21,851	13.2-	3.52	3.53	1,652	1,571
FORT SMITH	193	55	4,057	4,225	4.0-	3.64	3.62	1,652	1,571
OKLAHOMA METROPOLITAN	2,231	253	78,681	67,500	16.6	3.57	3.50	1,176	1,138
REO RIVER VALLEY	538	39	16,189	20,558	21.2-	3.51	3.48	1,003	1,373
TEXAS PANHANDLE	222	49-	7,837	8,016	2.2-	3.51	3.42	1,578	1,818
LU880CK - PLAINVIEW	242	7-	5,826	6,442	9.6-	3.55	3.51	2,492	2,445
AVERAGE OR TOTAL ^{1/}	3,995	163	131,555	128,592	2.3	3.55	3.50	---	---
SOUTHERN GROUP									
NORTHERN LOUISIANA	260	11-	18,365	16,899	8.7	3.84	3.80	2,354	2,079
NEW ORLEANS	1,227	181-	42,549	47,671	10.7-	3.88	3.82	1,156	1,129
NORTH TEXAS	1,781	187-	96,201	92,494	4.0	3.54	3.51	1,800	1,567
CENTRAL WEST TEXAS	293	48	20,818	14,752	41.1	3.48	3.46	2,368	2,007
SAN ANTONIO	620	325	27,128	20,911	29.7	3.42	3.39	2,195	3,112
CORPUS CHRISTI	289	5-	13,366	15,299	12.6-	3.85	3.83	2,466	2,278
SOUTH TEXAS	2,259	180	81,188	69,089	17.5	3.59	3.62	1,669	1,631
AVERAGE OR TOTAL ^{1/}	5,729	169	299,615	277,115	8.1	3.62	3.61	---	---
MOUNTAIN									
EASTERN COLORADO	1,201	11	61,265	58,045	5.5	3.57	3.54	1,700	1,625
GREAT BASIN	883	2	41,784	39,993	4.5	3.70	3.67	1,577	1,513
WESTERN COLORADO	63	11	3,170	2,705	17.2	3.70	3.71	1,677	1,734
CENTRAL ARIZONA	173	3-	49,318	47,046	4.8	3.38	3.42	9,503	8,577
RIO GRANDE VALLEY	372	2-	28,794	28,972	.6-	3.55	3.44	4,552	4,402
AVERAGE OR TOTAL ^{1/}	2,692	19	184,331	176,761	4.3	3.55	3.52	---	---
PACIFIC									
PUGET SOUND	1,741	25-	121,976	115,626	5.5	3.76	3.79	2,335	2,182
INLAND EMPIRE	441	15-	23,397	21,577	8.4	3.82	3.86	1,768	1,577
DODGON - WASHINGTON	1,274	1	95,067	89,372	6.4	3.87	3.92	2,487	2,340
AVERAGE OR TOTAL ^{1/}	3,456	39-	240,440	226,575	6.1	3.81	3.85	---	---
60-MARKET AVG. OR TOTAL ^{2/} 139,501	2,438-	5,306,707	5,087,845	4.3	3.61	3.61	1,268	1,195	
ALL-MARKET AVG. OR TOTAL ^{2/} 140,396	2,195-	5,333,488	5,106,692	4.4	3.61	3.61	1,266	1,194	

^{1/} Markets under regulation on January 1, 1970, and which have had no significant marketing area expansions. Excludes Central Illinois.

^{2/} Excludes Austin-Waco. Fewer than three handlers.

TABLE 5.--PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, SEPTEMBER

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I		GROSS CLASS I*		DELIVERIES AS % OF GR. CL. I										
	SEPT 1971	SEPT 1970	CHANGE FROM SEPT 1970	SEPT 1971	SEPT 1970	SEPT 1971	CHANGE FROM SEPT 1970	SEPT 1971	SEPT 1970									
NEW ENGLAND																		
BOSTON REGIONAL	173,900	181,185	4.0-	60	61	176,539	5.1-	163	159									
CONNECTICUT	85,706	73,360	16.8	77	80	85,940	11.4	130	118									
AVERAGE OR TOTAL 1/	259,606	254,545	2.0	65	66	---	---	---	---									
MIDDLE ATLANTIC																		
NEW YORK-NEW JERSEY	444,266	451,881	1.7-	55	57	444,354	1.7-	181	174									
MIDDLE ATLANTIC	241,427	245,318	1.6-	65	66	256,656	.4-	144	144									
AVERAGE OR TOTAL 1/	685,693	697,199	1.6-	58	60	---	---	---	---									
SOUTH ATLANTIC																		
APPALACHIAN	30,974	32,309	4.1-	91	93	31,380	4.8-	108	105									
TAMPA BAY	28,558	30,676	6.9-	95	96	31,082	6.0-	97	97									
SOUTHEASTERN FLORIDA	49,650	43,328	14.6	92	94	51,214	12.6	105	102									
UPPER FLORIDA	43,377	38,658	12.2	96	96	50,290	6.7	90	85									
AVERAGE OR TOTAL 1/	152,559	144,971	5.2	94	95	---	---	---	---									
EAST NORTH CENTRAL																		
EASTERN GROUP																		
UPSTATE MICHIGAN	573	540	6.1	73	70	864	70.7-	91	26									
SOUTHERN MICHIGAN	204,791	204,526	.1	62	56	204,927	.6-	160	149									
EASTERN OHIO-WESTERN PA.	180,400	189,653	4.9-	68	71	184,044	3.9-	143	140									
OHIO VALLEY	177,812	175,661	1.2	73	74	190,800	1.9	127	127									
AVERAGE OR TOTAL 1/	563,576	570,380	1.2-	67	70	---	---	---	---									
WESTERN GROUP																		
MICHIGAN UPPER PENINSULA	6,573	7,012	6.3-	72	79	6,602	5.9-	138	127									
CHICAGO REGIONAL	294,393	284,499	3.5	48	51	294,371	.3	207	190									
LSVILLE-LXGTON-EVNSVILLE	65,632	66,389	1.1-	71	76	71,370	6.6	130	131									
INDIANA	108,559	101,809	6.6	73	75	111,059	6.0	134	129									
SOUTHERN ILLINOIS	50,650	49,043	3.3	68	69	55,676	5.3	134	134									
CENTRAL ILLINOIS	17,194	12,310	39.7	64	65	19,716	29.7	136	124									
AVERAGE OR TOTAL 1/	525,817	508,752	3.4	56	59	---	---	---	---									
WEST NORTH CENTRAL																		
NORTHERN GROUP																		
DULUTH - SUPERIOR	7,947	7,865	1.0	59	62	7,978	.2	168	160									
MINNEAPOLIS - ST. PAUL	83,754	78,133	7.2	55	57	83,860	7.3	182	176									
EASTERN SOUTH DAKOTA	10,673	9,907	7.7	54	67	10,679	7.7	185	149									
BLACK HILLS	2,805	2,272	23.4	68	47	2,850	23.4	146	208									
NORTH CENTRAL IOWA	12,507	9,971	25.4	76	92	12,599	13.9	131	98									
CEOAR RAPIDS - IOWA CITY	6,450	6,108	5.9	71	61	6,484	5.9	141	163									
QUAD CITIES - DUBUQUE	17,881	24,417	26.8-	62	68	17,909	27.0-	161	146									
OES MINESES	24,994	21,088	18.5	60	64	25,761	15.5	163	148									
NEBRASKA - WESTERN IOWA	47,335	46,985	.7	64	67	47,372	.2	157	148									
MINNESOTA - NORTH DAKOTA	17,473	17,811	1.9-	37	42	18,738	.6-	252	224									
S.E. MINN.-NORTHERN IOWA	17,480	18,747	6.8-	58	55	18,214	7.2-	164	174									
AVERAGE OR TOTAL 1/	249,325	243,304	2.5	57	60	---	---	---	---									

CONTINUED

TABLE 5.--PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, SEPTEMBER -CON.

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I				GROSS CLASS I*			DELIVERIES AS % OF GR. CL. I	
	SEPT 1971	SEPT 1970	CHANGE FROM SEPT 1970	% USED IN CL. I	SEPT 1971	SEPT 1970	CHANGE FROM SEPT 1970	SEPT 1971	SEPT 1970
	1,000 POUNDS	PERCENT	PERCENT	1,000 LBS	PERCENT	PERCENT	PERCENT	PERCENT	PERCENT
WEST NORTH CENTRAL -CON.									
SOUTHERN GROUP									
ST LOUIS - OZARKS	86,312	81,367	6.1	70	71	91,147	6.7	135	134
KANSAS CITY	58,316	54,690	6.6	64	63	59,806	7.0	152	155
NEOSHO VALLEY	2,547	5,085	49.9-	49	66	3,333	49.4-	156	118
WICHITA	14,086	23,651	40.4-	78	83	15,318	38.0-	118	115
AVERAGE OR TOTAL 1/	161,261	164,793	2.1-	68	70	---	---	---	---
EAST SOUTH CENTRAL									
PAOCAH	8,055	8,276	2.5-	79	85	8,459	.8	121	116
NASHVILLE	34,838	35,843	2.8-	80	84	35,046	2.6-	124	119
MEMPHIS	23,663	26,178	9.6-	84	85	28,002	1.0	101	111
KNOXVILLE	13,349	13,520	1.3-	82	84	13,591	.9-	119	117
CHATTANOOGA	26,175	26,443	1.0-	72	81	27,603	2.6	131	122
MISSISSIPPI	31,548	32,205	2.0-	80	87	35,199	.4	112	106
GEORGIA	82,958	85,481	3.0-	89	90	93,911	6.3-	99	95
AVERAGE OR TOTAL 1/	220,596	227,946	3.2-	83	86	---	---	---	---
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS	18,409	20,499	10.2-	97	94	22,790	2.0-	83	94
FORT SMITH	3,548	3,625	2.1-	87	86	3,554	2.1-	114	116
OKLAHOMA METROPOLITAN	45,143	44,885	.6	57	66	46,313	.2	170	146
REO RIVER VALLEY	9,651	11,717	17.5-	60	57	10,581	15.0-	153	165
TEXAS PANHANDLE	6,987	7,183	2.7-	89	90	7,191	3.4-	109	108
LUBBOCK - PLAINVIEW	5,295	6,055	12.6-	91	94	5,896	4.5-	99	104
AVERAGE OR TOTAL 1/	89,043	93,964	5.2-	68	73	---	---	---	---
SOUTHERN GROUP									
NORTHERN LOUISIANA	16,860	15,936	5.8	92	94	17,986	5.2	102	99
NEW ORLEANS	29,857	33,560	11.0-	70	70	30,039	11.0-	142	141
NORTH TEXAS	77,956	73,714	5.8	81	80	79,317	5.6	121	123
CENTRAL WEST TEXAS	13,157	13,049	.8	63	88	13,355	2.1	156	113
SAN ANTONIO	25,127	18,977	32.4	93	91	28,214	7.5	96	80
CORPUS CHRISTI	10,897	11,280	3.4-	82	74	12,928	.7	103	119
SOUTH TEXAS	62,895	54,856	14.6	77	79	69,018	9.0	118	109
AVERAGE OR TOTAL 1/	236,749	221,372	6.9	79	80	---	---	---	---
MOUNTAIN									
EASTERN COLORADO	46,687	45,244	3.2	76	78	49,635	5.0	123	123
GREAT BASIN	25,942	23,960	8.3	62	60	27,365	14.1	153	167
WESTERN COLORADO	2,422	2,142	13.1	76	79	2,507	13.3	126	122
CENTRAL ARIZONA	40,055	37,905	5.7	81	80	40,288	6.2	122	124
RIO GRANDE VALLEY	23,908	22,880	4.5	83	79	24,317	.9	118	120
AVERAGE OR TOTAL 1/	139,014	132,131	5.2	75	75	---	---	---	---
PACIFIC									
PUGET SOUND	53,648	54,911	2.3-	44	47	53,651	2.4-	227	210
INLAND EMPIRE	13,922	13,636	2.1	60	63	13,997	2.0	167	157
OREGON - WASHINGTON	54,419	53,952	.9	57	60	57,662	1.1	165	157
AVERAGE OR TOTAL 1/	121,989	122,499	.4-	51	54	---	---	---	---
60-MARKET AVG. OR TOTAL 1/2/ 3,405,228	3,381,856	.7	64	66	3/ 3,527,631	.4	150	145	
ALL-MARKET AVG. OR TOTAL 2/ 3,422,422	3,394,166	.8	64	66	3/ 3,547,347	.5	150	145	

* Preliminary.

1/ Markets under regulation on January 1, 1970, and which have had no significant marketing area expansions. Excludes Central Illinois.

2/ Excludes Austin-Waco. Fewer than three handlers.

3/ May include some duplication due to intermarket transfer.

TABLE 6.--PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I
JANUARY - SEPTEMBER

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS			% USED IN CL. I	
	1971 1,000 POUNDS	1970 1,000 POUNDS	CHANGE 1971 OVER 1970 PERCENT	1971 1,000 POUNDS	1970 1,000 POUNDS	CHANGE 1971 OVER 1970 PERCENT	1971	1970
							1971	1970
NEW ENGLAND								
BOSTON REGIONAL	2,705,657	2,770,558	2.3-	1,496,976	1,593,590	6.1-	55	58
CONNECTICUT	1,042,267	873,328	19.3	746,078	640,894	16.4	72	73
TOTAL 1/	3,747,924	3,643,886	2.8	2,243,054	2,234,484	.4	60	61
MIDDLE ATLANTIC								
NEW YORK-NEW JERSEY	7,895,090	7,953,101	.7-	3,952,201	4,043,997	2.3-	50	51
MIDDLE ATLANTIC	3,402,526	3,389,244	.4	2,134,350	2,165,404	1.4-	63	64
TOTAL 1/	11,297,616	11,342,345	.4-	6,086,551	6,209,401	2.0-	54	55
SOUTH ATLANTIC								
APPALACHIAN	307,174	293,143	4.8	287,159	263,372	9.0	93	90
TAMPA BAY	314,997	289,950	8.6	272,834	254,482	7.2	87	88
SOUTHEASTERN FLORIDA	495,819	449,158	10.4	446,480	419,381	6.5	90	93
UPPER FLORIDA	397,429	361,837	9.8	365,318	344,916	5.9	92	95
TOTAL 1/	1,515,419	1,394,088	8.7	1,371,791	1,282,151	7.0	90	92
EAST NORTH CENTRAL								
EASTERN GROUP								
UPSTATE MICHIGAN	6,732	7,369	8.0-	4,994	5,312	6.0-	74	72
SOUTHERN MICHIGAN	2,858,544	2,785,090	2.6	1,814,102	1,795,558	1.0	63	64
EASTERN OHIO-WESTERN PA.	2,548,887	2,643,175	3.6-	1,596,127	1,664,185	4.1-	63	63
OHIO VALLEY	2,292,320	2,134,866	7.4	1,521,296	1,506,236	1.0	66	70
TOTAL 1/	7,706,533	7,570,500	1.8	4,936,519	4,971,291	.7-	64	66
WESTERN GROUP								
MICHIGAN UPPER PENINSULA	83,086	83,614	.6-	60,695	60,644	.1	73	72
CHICAGO REGIONAL	6,190,460	5,792,508	6.9	2,542,559	2,548,963	.2-	41	44
LSVILLE-LXTON-EVNSVILLE	831,300	794,695	4.6	553,872	555,684	.3-	67	70
INDIANA	1,368,558	1,355,462	1.0	939,393	928,870	1.1	69	68
SOUTHERN ILLINOIS	736,670	667,483	10.4	428,398	397,462	7.8	58	60
CENTRAL ILLINOIS	220,486	199,036	10.8	131,065	110,001	19.1	59	55
TOTAL 1/	9,210,074	8,693,762	5.9	4,524,917	4,491,623	.7	49	52
WEST NORTH CENTRAL								
NORTHERN GROUP								
OLULUTH - SUPERIOR	142,956	143,609	.4-	71,716	68,750	4.3	50	48
MINNEAPOLIS - ST.PAUL	1,615,828	1,505,631	7.3	652,683	619,253	5.4	40	41
EASTERN SOUTH DAKOTA	167,010	142,098	17.5	85,542	80,233	6.6	51	56
BLACK HILLS	41,566	43,073	3.5-	23,408	19,375	20.8	56	45
NORTH CENTRAL IOWA	158,524	180,662	12.2-	106,002	115,558	8.3-	67	64
CEDAR RAPIDS - IOWA CITY	98,176	108,461	9.5-	55,714	57,289	2.7-	57	53
QUAO CITIES - DUBUQUE	327,183	297,915	9.8	169,902	160,968	5.6	52	54
DES MOINES	370,114	360,505	2.7	194,941	216,662	10.2-	52	60
NEBRASKA - WESTERN IOWA	676,381	630,914	7.2	408,722	404,787	1.0	60	64
MINNESOTA - NORTH OAKOTA	568,477	493,924	15.1	147,356	146,108	.8	26	30
S.E. MINN.-NORTHERN IOWA	406,300	345,708	17.4	150,376	151,030	.4-	37	44
TOTAL 1/	4,572,215	4,252,500	7.5	2,065,962	2,040,013	1.3	45	48

CONTINUED

TABLE 6.--PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I
JANUARY - SEPTEMBER -CON.

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I	
	1971		CHANGE 1971 OVER 1970	1971		CHANGE 1971 OVER 1970	1971	1970
	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT	1,000 POUNDS	PERCENT
WEST NORTH CENTRAL -CON.								
SOUTHERN GROUP								
ST LOUIS - Ozarks	1,160,078	1,119,451	3.6	725,988	714,516	1.6	62	64
KANSAS CITY	839,602	772,716	8.6	480,299	471,862	1.8	57	61
NEOSHO VALLEY	60,253	73,132	17.6-	28,707	48,659	41.0-	48	66
WICHITA	219,065	270,233	18.9-	159,975	192,032	16.7-	73	71
TOTAL 1/	2,278,998	2,235,532	1.9	1,394,969	1,427,069	2.2-	61	64
EAST SOUTH CENTRAL								
PAOCAH	93,719	98,875	5.2-	67,231	73,018	7.9-	72	74
NASHVILLE	387,520	370,687	4.5	269,657	263,343	2.4	70	71
MEMPHIS	247,655	251,280	1.4-	208,756	213,745	2.3-	84	85
KNOXVILLE	140,629	156,720	10.3-	114,113	114,911	.7-	81	73
CHATTANOOGA	323,427	286,459	12.9	201,503	205,810	2.1-	62	72
MISSISSIPPI	469,793	413,934	13.5	260,315	272,301	4.4-	55	66
GEORGIA	902,548	902,407	0	748,742	731,856	2.3	83	81
TOTAL 1/	2,565,291	2,480,362	3.4	1,870,317	1,874,984	.2-	73	76
WEST SOUTH CENTRAL								
NORTHERN GROUP								
CENTRAL ARKANSAS	201,342	209,032	3.7-	176,704	178,361	.9-	88	85
FORT SMITH	34,016	34,850	2.4-	30,107	30,440	1.1-	88	87
OKLAHOMA METROPOLITAN	834,763	585,639	42.5	387,603	365,745	6.0	46	62
RED RIVER VALLEY	298,342	203,836	46.4	88,687	101,856	12.9-	30	50
TEXAS PANHANDLE	70,303	98,195	20.3-	61,356	64,644	5.1-	87	73
LUBBOCK - PLAINVIEW	53,294	56,207	5.2-	48,765	49,274	1.0-	92	88
TOTAL 1/	1,492,060	1,177,759	26.7	793,222	790,320	.4	53	67
SOUTHERN GROUP								
NORTHERN LOUISIANA	175,163	162,654	7.7	142,690	137,431	3.8	81	84
NEW ORLEANS	461,600	418,572	10.3	256,031	275,584	7.1-	55	66
NORTH TEXAS	940,108	916,777	2.5	656,218	679,490	3.4-	70	74
CENTRAL WEST TEXAS	178,376	128,190	39.1	110,796	110,157	.6	62	86
SAN ANTONIO	215,801	194,975	10.7	188,045	166,988	12.6	87	86
CORPUS CHRISTI	142,595	137,270	3.9	101,064	97,730	3.4	71	71
SOUTH TEXAS	794,112	628,291	26.4	518,372	454,128	14.1	65	72
TOTAL 1/	2,907,755	2,586,729	12.4	1,973,216	1,921,508	2.7	68	74
MOUNTAIN								
EASTERN COLORADO	564,280	539,926	4.5	393,545	384,297	2.4	70	71
GREAT BASIN	401,141	365,979	9.6	213,380	201,195	6.0	53	55
WESTERN COLORADO	29,821	25,176	18.4	18,015	18,607	3.2-	60	74
CENTRAL ARIZONA	454,331	430,204	5.6	340,252	328,117	3.7	75	76
RIO GRANDE VALLEY	246,818	259,699	5.0-	197,241	188,685	4.5	80	73
TOTAL 1/	1,696,391	1,620,984	4.6	1,162,433	1,120,901	3.7	68	69
PACIFIC								
PUGET SOUND	1,104,213	1,043,485	5.8	465,993	483,786	3.7-	42	46
INLAND EMPIRE	211,447	190,812	10.8	113,669	110,746	2.6	54	58
OREGON - WASHINGTON	875,967	800,694	9.4	461,015	461,795	.2-	53	58
TOTAL 1/	2,191,627	2,034,991	7.7	1,040,677	1,056,327	1.5-	47	52
60-MARKET TOTAL 1/ 2/	51,181,903	49,033,438	4.4	29,463,628	29,420,072	.1	58	60
ALL-MARKET TOTAL 2/	51,402,389	49,232,474	4.4	29,594,693	29,530,073	.2	58	60

1/ Markets under regulation January 1, 1970, and which have had no significant marketing area expansions. Excludes Central Illinois.

2/ Excludes Austin-Waco. Fewer than three handlers.

TABLE 7.-WHOLE MILK, SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM, AND TOTAL FLUID ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, AUGUST 1971 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK 2/				SKIM MILK ITEMS 3/				MILK AND CREAM MIXTURES				
	AUGUST 1971		CHANGE 1971 FROM 1970		AUGUST 1971		CHANGE 1971 FROM 1970		AUGUST 1971		CHANGE 1971 FROM 1970		
	DAILY AVG	BUTTER-FAT CONTENT	AUG.	YEAR TO DATE	DAILY AVG	BUTTER-FAT CONTENT	AUG.	YEAR TO DATE	DAILY AVG	BUTTER-FAT CONTENT	AUG.	YEAR TO DATE	
	1,000 Lbs.		PERCENT		1,000 Lbs.		PERCENT		1,000 Lbs.		PERCENT		
NEW ENGLAND													
BOSTON REGIONAL	4,851	3.49	0.8 -	0.2	742.7	1.13	20.6	15.9	20.4	11.4	8.9	0.6	
CONNECTICUT	1,876	3.42	-	1.2 -	267.0	1.12	6.3	2.0	23.3	10.7	10.8 -	.7	
MIDDLE ATLANTIC													
MIDDLE ATLANTIC 4/	5,338	3.44	-	2.6 -	1.4	811.2	1.09	10.2	6.5	55.2	11.7	- 19.1 - 16.5	
SOUTH ATLANTIC													
APPALACHIAN	320	3.49	1.9	3.5	76.0	1.20	13.3	17.3	1.1	11.5	2.5 -	.5	
TAMPA BAY	914	3.45	10.0	7.5	155.8	.99	13.2	3.0	8.9	10.9	3.9	2.3	
SOUTHEASTERN FLORIDA	1,271	3.60	2.5	2.9	255.2	1.01	5.8	7.0	24.7	10.8	3.5	5.7	
UPPER FLORIDA	1,162	3.36	3.8	7.5	180.6	1.09	20.7	6.8	7.0	11.1	5.2	9.6	
EAST NORTH CENTRAL													
EASTERN GROUP													
SOUTHERN MICHIGAN	4,555	3.48	1.7 -	.5	1,196.5	1.23	5.8	1.9	79.3	10.5	- 4.2 -	7.2	
E. OHIO - W. PA. 5/	4,532	3.49	-	4.8 -	3.4	1,093.2	1.59	11.6	9.1	48.3	10.9	- 14.0 -	14.3
DHIO VALLEY 4/	4,016	3.49	1.0	.7	1,218.5	1.53	7.7	8.7	35.4	11.0	- 13.0 -	15.3	
WESTERN GROUP													
MICH. UPPER PENINSULA	223	3.50	-	4.7 -	1.9	74.9	1.64	20.8	14.9	4.1	11.5	- 4.6 -	5.2
CHICAGO REGIONAL	5,506	3.38	-	5.5 -	4.8	2,182.8	1.66	19.1	17.8	136.5	11.7	- 2.4 -	5.6
LOUIS.-LEX.-EVANS	1,169	3.34	-	3.9 -	3.8	439.8	1.71	18.8	18.1	13.4	11.4	- 1.3	1.2
INDIANA	1,916	3.35	-	4.5 -	5.1	1,216.9	1.76	10.2	8.7	30.2	11.4	- 9.2 -	9.3
SOUTHERN ILLINOIS	836	3.18	-	9.0 -	6.8	470.1	1.85	6.4	8.9	17.8	11.2	- 6.1 -	6.3
CENTRAL ILLINOIS 5/	396	3.27	-	11.9 -	1.0	219.1	1.71	9.8	10.9	9.2	11.2	- 10.4 -	6.8
WEST NORTH CENTRAL													
NORTHERN GROUP													
OSULUTH - SUPERIOR	103	3.35	-	9.1 -	5.2	71.9	1.65	11.5	10.0	2.3	11.7	- 5.6 -	6.5
MINNEAPOLIS - ST. PAUL	886	3.27	-	9.4 -	7.3	1,023.1	1.62	10.7	12.0	27.4	10.6	- 4.4 -	3.9
EASTERN SOUTH DAKOTA	135	3.29	-	7.5 -	4.8	137.2	1.75	15.7	12.0	4.5	11.1	- 3.0 -	5.3
BLACK HILLS	57	3.28	-	.4 -	2.9	34.1	1.74	12.0	13.1	1.3	12.2	- 1.1 -	3.9
NORTH CENTRAL IOWA	254	3.43	1.3 -	4.2	166.9	1.61	13.0	8.5	5.9	11.9	- 4.0 -	6.0	
CEOAR RAPIDS-IDWA CITY	88	3.40	-	10.6 -	4.5	56.3	1.29	3.6	7.5	2.2	11.6	- .9 -	9.8
QUAO CITIES - OUBUQUE	283	3.37	-	6.3 -	6.5	151.0	1.52	12.8	9.5	5.9	11.9	- 10.5 -	9.6
OES MDINES	314	3.57	-	2.1 -	5.3	211.9	1.64	13.9	15.4	8.2	12.7	.1 -	2.2
NEBRASKA-WESTERN IOWA	847	3.31	-	1.3 -	2.3	411.8	1.59	15.3	10.1	20.7	11.0	- 1.5 -	4.8
MINNESOTA - N. DAKOTA	287	3.31	-	5.1 -	5.5	180.1	1.59	15.4	13.2	8.1	11.4	- 1.6 -	1.5
SE. MINN-NORTHERN IDWA	242	3.28	-	6.7 -	9.6	215.1	1.51	12.4	13.2	8.0	10.9	- 1.3 -	6.1

CONTINUED

TABLE 7.-WHOLE MILK, SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM, AND TOTAL FLUID ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, AUGUST 1971 WITH COMPARISONS 1/ -CON.

MARKETING AREA	CREAM				TOTAL FLUID			
	AUGUST 1971		CHANGE 1971 FROM 1970		AUGUST 1971		CHANGE 1971 FROM 1970	
	DAILY AVERAGE	BUTTERFAT CONTENT	AUGUST	YEAR TO DATE	DAILY AVERAGE	BUTTERFAT CONTENT	AUGUST	YEAR TO DATE
	1,000 LBS.		PERCENT		1,000 LBS.		PERCENT	
NEW ENGLAND								
BOSTON REGIONAL	120.7	21.0	- 4.4	- 5.9	5,734	3.58	2.9	.1
CONNECTICUT	30.4	23.9	28.0	21.1	2,196	3.50	- .1	- 1.5
MIDDLE ATLANTIC								
MIDDLE ATLANTIC 4/	48.3	19.3	.4	29.9	6,253	3.33	- 1.3	-.5
SOUTH ATLANTIC								
APPALACHIAN	.5	23.3	23.2	19.5	397	3.10	3.9	5.8
TAMPA BAY	2.9	22.6	- 1.9	- 15.2	1,081	3.21	10.3	6.8
SOUTHEASTERN FLORIDA	10.1	23.1	3.9	- 4.0	1,562	3.42	3.1	3.6
UPPER FLORIDA	2.8	24.6	3.4	- 5.2	1,352	3.14	5.7	7.4
EAST NORTH CENTRAL								
EASTERN GROUP								
SOUTHERN MICHIGAN	43.8	19.6	6.9	.4	5,874	3.24	2.5	-.1
E. OHIO - W. PA. 5/	35.1	18.6	- 4.9	- 9.9	5,709	3.28	- 2.2	- 1.6
OHIO VALLEY 4/	15.1	17.4	2.8	20.6	5,285	3.13	2.3	2.3
WESTERN GROUP								
MICH. UPPER PENINSULA	1.2	22.7	- 7.6	- 5.1	304	3.23	.5	1.6
CHICAGO REGIONAL	64.9	21.8	14.0	4.2	7,963	3.23	1.3	.6
LOUIS.-LEX.-EVANS	3.6	23.8	- 6.4	3.5	1,625	3.01	1.3	1.0
INDIANA	16.7	17.9	7.3	3.1	3,180	2.89	.6	-.5
SOUTHERN ILLINOIS	5.1	18.1	-.9	4.1	1,329	2.88	- 4.0	- 2.0
CENTRAL ILLINOIS 5/	2.5	20.3	- 25.6	3.4	627	2.91	- 5.4	2.6
WEST NORTH CENTRAL								
NORTHERN GROUP								
OMULUTH - SUPERIOR	1.6	24.9	- 7.0	- 6.7	179	2.96	- 1.7	-.1
MINNEAPOLIS - ST. PAUL	20.3	24.3	5.9	2.9	1,957	2.73	.4	1.4
EASTERN SOUTH DAKOTA	1.7	24.0	0	9.5	278	2.78	2.8	2.2
BLACK HILLS	.6	22.2	- 23.9	- 10.2	93	2.95	3.6	2.6
NORTH CENTRAL IOWA	1.4	23.9	19.2	10.4	428	2.90	5.6	.2
CEDAR RAPIDS-IDAWA CITY	.5	22.6	- 4.6	14.2	147	2.78	- 5.5	-.4
QUAD CITIES - OBUQUE	1.5	21.0	- 12.9	7.4	442	2.91	-.7	- 1.9
DES MOINES	2.6	23.6	25.4	5.9	537	3.05	3.8	1.8
NEBRASKA-WESTERN IOWA	6.5	20.9	12.5	1.9	1,286	2.97	3.5	1.1
MINNESOTA - N. DAKOTA	7.0	28.1	- 2.5	- 1.7	483	3.16	1.8	.4
SE. MINN-NORTHERN IOWA	2.7	25.0	8.3	- 7.0	468	2.72	1.4	-.9

CONTINUED

TABLE 7.-WHOLE MILK, SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM, AND TOTAL FLUID ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, AUGUST 1971 WITH COMPARISONS 1/ -CON.

MARKETING AREA	WHOLE MILK <u>2/</u>				SKIM MILK ITEMS <u>3/</u>				MILK AND CREAM MIXTURES			
	AUGUST 1971		CHANGE 1971 FROM 1970		AUGUST 1971		CHANGE 1971 FROM 1970		AUGUST 1971		CHANGE 1971 FROM 1970	
	DAILY AVG	BUTTER-FAT CONTENT	AUG.	YEAR TO DATE	DAILY AVG	BUTTER-FAT CONTENT	AUG.	YEAR TO DATE	DAILY AVG	BUTTER-FAT CONTENT	AUG.	YEAR TO DATE
	1,000 Lbs.		PERCENT		1,000 Lbs.		PERCENT		1,000 Lbs.		PERCENT	
WEST NORTH CENTRAL -CON.												
SOUTHERN GROUP												
ST LOUIS - OZARKS	1,080	3.26	- 1.3 -	5.9	604.9	1.75	13.2	12.3	16.4	11.4	- 0.1 -	4.3
KANSAS CITY	891	3.32	- 5.8 -	7.3	469.6	1.80	19.7	19.7	17.0	11.2	- .5 -	4.9
NEOSHO VALLEY	141	3.33	- 13.7 -	9.0	46.3	1.67	1.2	3.1	2.5	11.5	- 13.3 -	11.2
WICHITA	322	3.28	- 4.4 -	5.1	141.0	1.71	9.1	- 4.8	7.7	10.8	3.0	- 6.8
EAST SOUTH CENTRAL												
PAOCAH	173	3.35	- 6.5 -	2.5	32.5	1.39	- .6	0	1.2	10.9	10.6	2.2
NASHVILLE	748	3.40	- 1.4 -	1.4	166.0	.96	5.7	4.8	3.9	11.9	- 2.1 -	4.0
MEMPHIS	457	3.51	- 1.8 -	1.1	118.0	1.21	12.0	8.5	4.0	11.7	- 4.7 -	5.2
KNOXVILLE	357	3.65	- 2.6 -	2.1	202.0	1.55	17.3	17.3	1.9	11.8	.2	2.5
CHATTANOOGA	349	3.73	- .2 -	1.2	162.3	1.47	14.5	14.0	1.5	11.9	6.4	2.2
MISSISSIPPI	806	3.78	5.2	5.5	152.6	1.43	2.6	- .4	7.4	11.5	27.6	9.1
GEORGIA	1,927	3.42	.7	.1	508.3	1.07	15.5	19.2	12.9	11.1	1.0	- 7.1
WEST SOUTH CENTRAL												
NORTHERN GROUP												
CENTRAL ARKANSAS	415	3.43	1.7	2.9	110.0	1.60	30.0	29.5	3.4	11.9	- 4.1 -	3.2
OKLAHOMA METROPOLITAN	839	3.35	3.1	6.0	174.2	1.49	-.8	4.9	9.0	11.9	- 2.1 -	2.8
REO RIVER VALLEY	276	3.40	- 2.7 -	2.6	54.1	1.42	3.0	2.7	1.8	11.1	- 12.6 -	12.1
TEXAS PANHANDLE	177	3.38	- 8.3 -	5.7	35.1	1.63	1.6	.7	1.9	11.1	- 6.1 -	9.2
LUBBOCK - PLAINVIEW	168	3.42	.5	.4	33.1	1.61	7.4	4.5	.9	11.4	- 39.1 -	28.7
SOUTHERN GROUP												
NORTHERN LOUISIANA	281	3.81	.7	1.5	64.0	1.57	3.7	6.9	1.8	11.3	6.2	3.8
NEW ORLEANS	587	3.84	- 1.0 -	.7	110.0	1.49	9.3	6.4	6.2	11.9	- .2 -	1.5
NORTH TEXAS	1,537	3.36	- 2.4 -	1.2	463.7	1.50	3.6	4.3	18.1	11.5	4.5	.7
CENTRAL WEST TEXAS	256	3.36	- 1.9 -	2.8	89.8	1.69	-.3	- 3.4	2.8	12.1	- 7.6 -	10.4
AUSTIN - WACO	395	3.40	.3	4.0	100.2	1.27	14.7	7.7	3.8	12.2	3.4	5.2
SAN ANTONIO	469	3.42	- 1.7 -	1.3	52.1	1.05	16.7	10.1	3.4	11.3	- 5 -	7.7
CORPUS CHRISTI	308	3.45	- 2.9 -	4.2	42.7	1.58	10.9	4.6	2.1	12.0	- 24.1 -	6.8
SOUTH TEXAS	1,340	3.62	.6	1.4	504.0	1.59	7.7	9.8	11.5	11.5	7.8	1.2
MOUNTAIN												
EASTERN COLORADO	890	3.34	- 2.8 -	2.1	441.0	1.73	16.7	13.6	18.6	11.7	- .3 -	4.0
GREAT BASIN	410	3.38	4.5	1.7	350.3	1.80	11.8	13.2	7.9	12.1	21.8	4.9
CENTRAL ARIZONA	846	3.45	6.5	4.8	232.5	1.40	8.0	8.9	10.2	10.8	- 3.2 -	2.1
RIO GRANDE VALLEY	742	3.40	2.0	.8	122.4	1.62	10.5	7.4	7.3	11.7	- 8.2 -	3.0
PACIFIC												
PUGET SOUND	849	3.51	- 11.7 -	8.0	677.1	1.83	7.2	9.2	21.7	11.8	- 9.4 -	6.5
INLAND EMPIRE	145	3.52	- 11.1 -	7.3	151.5	1.88	6.2	6.1	5.0	11.5	- 7.2 -	6.1
OREGON-WASHINGTON	1,025	3.43	- 7.0 -	4.6	682.1	1.81	12.7	12.1	28.7	12.0	- 6.2 -	7.5
COMBINED AREAS (58)	61,581	3.44	- 1.9 -	1.5	20,353.11.54	11.7	10.4	851.1	11.3	- 4.4 -	6.4	
COMBINED AREAS ADJUSTED FOR CALENDAR COMPOSITION (58) <u>6/</u>	---	---	---	---	---	---	---	---	---	---	---	---
NEW YORK-NEW JERSEY <u>7/</u>	---	---	---	---	---	---	---	---	---	---	---	---

CONTINUED

TABLE 7.-WHOLE MILK, SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM, AND TOTAL FLUID ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, AUGUST 1971 WITH COMPARISONS 1/ -CON.

MARKETING AREA	CREAM				TOTAL FLUID			
	AUGUST 1971		CHANGE 1971 FROM 1970		AUGUST 1971		CHANGE 1971 FROM 1970	
	DAILY AVERAGE	BUTTERFAT CONTENT	AUGUST	YEAR TO DATE	DAILY AVERAGE	BUTTERFAT CONTENT	AUGUST	YEAR TO DATE
	1,000 LB.			PERCENT	1,000 LB.			PERCENT
WEST NORTH CENTRAL -CON.								
SOUTHERN GROUP								
ST LOUIS - OZARKS	10.5	17.1	19.1	-	6.6	1,712	2.89	3.5
KANSAS CITY	6.3	22.4	-.5	-	1.1	1,384	2.99	1.6
NEOSHO VALLEY	.5	23.5	-16.2	-	7.3	190	3.09	-10.4
WICHITA	2.3	23.9	6.3	-	8.8	473	3.04	-.6
EAST SOUTH CENTRAL								
PAOCAH	.8	21.6	10.6	-	2.4	207	3.15	-5.4
NASHVILLE	2.2	24.6	17.7	-	11.8	920	3.04	-.1
MEMPHIS	2.6	22.8	3.3	-	.1	582	3.18	.7
KNOXVILLE	1.0	22.8	10.6	-	2.2	561	2.95	3.8
CHATTANOOGA	1.1	24.8	5.4	-	5.7	514	3.08	4.1
MISSISSIPPI	3.0	23.1	9.8	-	13.8	969	3.53	4.9
GEORGIA	9.2	22.7	-3.0	-	8.9	2,458	3.05	3.4
WEST SOUTH CENTRAL								
NORTHERN GROUP								
CENTRAL ARKANSAS	1.6	23.6	-14.6	-	3.3	/ 530	3.16	6.4
OKLAHOMA METROPOLITAN	3.0	21.5	-.8.6	-	10.6	1,025	3.16	2.3
REO RIVER VALLEY	2.5	18.1	59.8	-	72.1	334	3.23	-1.6
TEXAS PANHANDLE	1.0	26.3	-4.3	-	2.2	215	3.27	-6.8
LUBBOCK - PLAINVIEW	.8	26.9	-21.9	-	16.6	203	3.25	1.2
SOUTHERN GROUP								
NORTHERN LOUISIANA	1.2	23.2	9.2	-	2.6	348	3.50	1.3
NEW ORLEANS	2.0	23.6	7.5	-	5.5	705	3.60	.5
NORTH TEXAS	11.9	25.4	-3.6	-	1.2	2,030	3.14	-1.0
CENTRAL WEST TEXAS	1.4	28.8	-3.8	-	.9	350	3.11	-1.6
AUSTIN - WACO	1.6	26.0	1.4	-	1.0	501	3.12	2.9
SAN ANTONIO	.6	20.5	-60.2	-	35.1	525	3.25	-.3
CORPUS CHRISTI	1.0	22.1	-9.7	-	.7	353	3.33	-1.6
SOUTH TEXAS	6.5	22.1	72.9	-	12.7	1,862	3.19	2.6
MOUNTAIN								
EASTERN COLORADO	9.6	23.7	-9.9	-	1.5	1,359	3.07	2.8
GREAT BASIN	6.0	26.6	11.1	-	19.1	774	2.93	7.9
CENTRAL ARIZONA	6.2	22.3	12.3	-	8.2	1,095	3.19	6.7
RIO GRANDE VALLEY	4.7	23.0	25.4	-	27.8	877	3.32	3.1
PACIFIC								
PUGET SOUND	12.2	27.1	-4.3	-	1.0	1,560	3.08	-4.3
INLAND EMPIRE	2.2	27.5	-9.8	-	5.3	304	3.01	-3.2
OREGON-WASHINGTON	12.6	27.7	.7	-	3.4	1,748	3.12	-.1
COMBINED AREAS (58)	578.1	21.6	3.1	-	2.6	83,437	3.19	1.2
COMBINED AREAS ADJUSTED FOR CALENDAR COMPOSITION (58) 6/	---	---	---	-	---	85,331	---	2.2
NEW YORK-NEW JERSEY 7/	---	---	---	-	---	13,777	---	-.6
								-1.9

1/ In-area sales represent total fluid sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore some handler in-area sales are partially estimated.

2/ Plain, flavored, and fluid equivalent of concentrated.

3/ Plain, fortified, and flavored skim and part skim milk, buttermilk and cultured specialties.

4/ Sales represent the area after the merger and expansion of Delaware Valley, Upper Chesapeake Bay, and Washington, D.C. August 1, 1970; and Tri-State, Cincinnati, Columbus, Miami Valley, and Northwestern Ohio, August 1, 1970.

5/ Sales represent the marketing area as defined after October 1, 1970, Eastern Ohio-Western Pennsylvania; and January 1, 1971, Central Illinois.

6/ Figures are adjusted to eliminated variations due to calendar composition. See special article in FMOS-134, February 1971.

7/ Small amount of sales estimated.

Table 8.--Daily average sales of individual fluid milk products, in 58 selected marketing areas defined by Federal milk orders, January 1971 to date, with comparisons 1/

Item	January			February			March			April		
	Change 1971 from 1970		Daily average	Change 1971 from 1970		Daily average	Change 1971 from 1970		Daily average	Change 1971 from 1970		Daily average
	Daily average	Jan. to date	Percent	Feb. to date	Percent	Mar. to date	Percent	Mar. to date	Percent	Apr. to date	Percent	Percent
1,000 lb.			1,000 lb.			1,000 lb.		1,000 lb.		1,000 lb.		Percent
Whole milk 2/	67,681.7	: - 4.9 :	+ 4.9 :	68,598.7	: - 1.1 :	- 3.2 :	68,461.6	: + 2.2 :	- 1.4 :	66,847.1	: - 2.0 :	- 1.5
Flavored whole milk	2,746.7	: + 1.7 :	+ 1.7 :	2,924.4	: + 1.4 :	+ 1.6 :	3,050.4	: + 18.7 :	+ 7.2 :	2,742.2	: - 4.0 :	+ 4.3
Total whole milk items	70,428.4	: - 4.7 :	- 4.7 :	71,523.0	: - 1.0 :	- 3.0 :	71,511.9	: + 2.8 :	- 1.0 :	69,589.3	: - 2.1 :	- 1.3
Lowfat (2%) milk												
Plain	3,928.3	: + 27.1 :	+ 27.1 :	4,106.9	: + 29.5 :	+ 28.3 :	4,103.5	: + 30.3 :	+ 28.5 :	4,247.1	: + 24.1 :	+ 27.4
Solids added	9,615.9	: + 1.9 :	+ 1.9 :	9,993.4	: + 9.9 :	+ 5.6 :	9,892.7	: + 11.0 :	+ 6.1 :	9,809.8	: + 8.7 :	+ 6.8
Skim milk												
Plain	1,032.3	: - 3.1 :	- 3.1 :	1,081.1	: + 1.9 :	- 7 :	1,136.1	: + 11.7 :	+ 3.6 :	1,181.9	: + 12.2 :	+ 5.7
Solids added	2,739.4	: - 5.2 :	- 5.2 :	2,973.8	: + 1.4 :	- 2.0 :	3,219.9	: + 9.1 :	+ 6.2 :	3,191.9	: + 7.2 :	+ 6.5
Buttermilk	1,892.0	: - 2.1 :	- 2.1 :	1,922.6	: + .2 :	- 1.0 :	1,965.4	: + 2.7 :	+ .3 :	1,976.6	: + .6 :	+ .4
Yogurt	130.5	: + 45.1 :	+ 45.1 :	185.9	: + 72.8 :	+ 59.5 :	208.9	: + 79.7 :	+ 67.2 :	179.5	: + 34.5 :	+ 57.5
Flavored milk drinks	798.9	: - 4.8 :	- 4.8 :	824.8	: - .3 :	- 2.7 :	832.0	: - .7 :	- 2.0 :	835.1	: - 5.7 :	- 3.0
Total skim and lowfat ^{3/} milk items	20,137.4	: + 4.1 :	+ 4.1 :	21,088.5	: + 10.3 :	+ 7.0 :	21,358.5	: + 13.0 :	+ 9.1 :	21,421.9	: + 10.1 :	+ 9.3
Milk and cream mixtures	856.1	: - 10.1 :	- 10.1 :	895.4	: - 6.3 :	- 8.3 :	891.6	: - 5.4 :	- 7.3 :	895.7	: - 5.3 :	- 6.8
Light cream	139.5	: - 7.2 :	- 7.2 :	142.8	: - 4.2 :	- 5.7 :	143.1	: - 3.6 :	- 5.0 :	143.1	: - 1.6 :	- 4.2
Heavy cream	120.1	: - 6.1 :	- 6.1 :	135.4	: - 3.0 :	- 4.6 :	144.6	: - 12.7 :	- 7.8 :	171.1	: + 15.6 :	- 1.8
Sour cream	266.3	: + 1.9 :	+ 1.9 :	298.8	: + 14.3 :	+ 7.8 :	297.3	: + 5.5 :	+ 7.0 :	300.1	: + 13.5 :	+ 8.6
Total cream items	525.9	: - 2.5 :	- 2.5 :	577.0	: + 4.9 :	+ 1.1 :	585.1	: - 1.8 :	0 :	614.2	: + 10.1 :	+ 2.5
Total fluid milk and cream	91,950.3	: - 2.9 :	- 2.9 :	94,084.7	: + 1.3 :	- 1.0 :	94,356.3	: + 4.9 :	+ 1.0 :	92,546.1	: + .5 :	+ .9
Total fluid milk and cream adjusted for calendar composition 3/:	92,832.2	: + .1 :	+ .1 :	94,084.7	: + 1.3 :	+ 1.0 :	93,561.0	: + 1.7 :	+ 1.0 :	91,557.3	: - .4 :	+ .7

Continued

Table 8.--Daily average sales of individual fluid milk products, in 58 selected marketing areas defined by Federal milk orders, January 1971 to date, with comparisons 1/-Con.

Item		May		June		July		August		
		Change 1971 from 1970		Change 1971 from 1970		Change 1971 from 1970		Change 1971 from 1970		
		Daily	Year	Daily	Year	Daily	Year	Daily	Year	
		May	to	May	to	June	to	July	to	
		Percent	date	Percent	date	Percent	date	Percent	date	
		1,000 lb.		1,000 lb.		1,000 lb.		1,000 lb.		
Whole milk 2/		63,135.5	:- 2.4	- 1.7	59,957.7	:- 3.1	- 1.9	61,081.9	:- 0.3	+ 1.7
Flavored whole milk		2,727.6	:+ 5.4	:+ 4.5	1,685.8	:+ 6.9	:+ 4.7	1,439.2	:+ 2.6	+ 4.5
Total whole milk items		65,863.1	:- 2.1	:- 1.5	61,643.5	:- 2.9	- 1.7	62,521.1	:- 0.3	- 1.5
Lowfat (2%) milk										
Plain		3,888.8	:+ 25.9	:+ 27.1	3,922.5	:+ 26.1	:+ 26.9	4,065.3	:+ 29.4	+ 27.3
Solids added		9,935.4	:+ 8.9	:+ 7.2	9,401.8	:+ 7.7	:+ 7.3	9,457.9	:+ 11.0	+ 7.8
Skin milk										
Plain		1,145.1	:+ 13.6	:+ 7.3	1,064.8	:+ 11.2	:+ 7.9	1,059.5	:+ 18.2	+ 9.2
Solids added		3,100.7	:+ 6.0	:+ 6.4	3,049.8	:+ 8.3	:+ 6.6	3,069.4	:+ 11.0	+ 7.3
Buttermilk		1,910.8	:- 2.3	- 2.2	1,999.6	:+ .4	- .1	2,019.9	:+ 2.5	+ .3
Yogurt		203.7	:+ 67.8	:+ 59.7	224.0	:+ 94.4	:+ 65.6	197.2	:- 104.1	+ 70.4
Flavored milk drinks		790.2	- 4.1	- 3.2	859.7	- .4	- 2.7	858.6	- 1.3	- 2.5
Total skin and lowfat milk items		20,374.7	:+ 10.2	:+ 9.5	20,522.2	:+ 10.5	:+ 9.7	20,727.7	:+ 13.5	+ 10.2
Milk and cream mixtures		856.4	- 7.6	- 7.0	873.4	- 8.7	- 7.2	878.3	- 2.9	- 6.6
Light cream		136.5	- 5.0	- 4.3	134.3	- 8.7	- 5.1	131.5	- 3.5	- 4.8
Heavy cream		157.8	- 2.5	- 2.5	171.1	+ 1.6	- 1.8	162.0	+ 8.2	- .4
Sour cream		282.1	:+ 8.2	:+ 8.5	305.2	:+ 4.8	:+ 7.9	303.8	:+ 10.1	+ 8.2
Total cream items		576.5	:+ 1.8	:+ 2.2	610.6	:+ .6	:+ 1.9	597.3	:+ 6.3	+ 2.6
Total fluid milk and cream		87,672.1	:+ .5	:+ .8	83,694.8	:+ .1	:+ .7	84,801.1	:+ 2.9	+ 1.0
Total fluid milk and cream adjusted for calendar composition 3/		88,835.8	:+ .8	:+ .7	83,469.4	:+ .6	:+ .7	83,024.4	:+ 1.9	+ 1.2

1/ See table 7 for 58 markets included.

2/ Includes whole milk equivalent of concentrated milk.

3/ Figures are adjusted to eliminate variations due to calendar composition. See special article in Federal Milk Order Market Statistics-134, February 1971.

Table 9.—Percentage of whole milk equivalent used in the production of manufactured dairy products, in 58 selected Federal order markets, January 1971 to date, with comparisons 1/

Manufactured dairy products	January 1971	February 1971*	March 1971	April 1971	May 1971	June 1970
<u>Percent</u>						
Butter	48.8	45.1	47.5	43.9	44.7	41.3
Cheese	17.3	15.8	17.8	16.9	18.8	20.2
Frozen desserts and condensed whole milk	24.4	28.7	25.3	28.7	26.3	29.6
Cottage cheese	4.6	4.7	4.7	5.0	5.1	4.7
Other factory products 2/	4.9	5.7	4.7	5.5	5.1	6.5
Total	100.0	100.0	100.0	100.0	100.0	100.0

Manufactured dairy products	July 1971	August 1971	September 1971	October 1971	November 1971	December 1970
<u>Percent</u>						
Butter	34.8	34.4	34.8	33.7	33.7	33.7
Cheese	21.7	19.4	21.2	17.4	17.4	17.4
Frozen desserts and condensed whole milk	34.0	36.6	34.6	38.2	38.2	38.2
Cottage cheese	5.0	4.5	4.5	4.8	4.8	4.8
Other factory products 2/	4.5	5.1	4.9	5.9	5.9	5.9
Total	100.0	100.0	100.0	100.0	100.0	100.0

* Correction.

1/ Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to nonpool plants for processing. Some of the data are partially estimated. See table 7 for 58 markets included.

2/ Includes evaporated and dry whole milk, milk used in candy, soup, bakery products, etc.

Table 10.--Federal order base and excess prices for milk of 3.5 percent butterfat content, September 1/

Marketing area	Base price				Excess price				Marketing area	Base price				Excess price				
	September		September		September		September			September		September		September		September		
	1971		1970		1971		1970			1971		1970		1971		1970		
	<u>Dollars per 100 lb.</u>																<u>Dollars per 100 lb.</u>	
Central Arkansas									Middle Atlantic					6.83	---	4.91	---	
Chattanooga									Nashville									
Fort Smith									Oregon-Washington					6.11	6.02	4.83	4.66	
Georgia	6.98	6.84	4.83	4.66					Puget Sound 2/					6.41	6.31	4.91	4.75	
Kansas City									Southern Michigan					5.94	5.81	4.83	4.66	
Memphis																		

1/ See footnotes on table 2 for location at which price is reported.

2/ Class I base plan.

Table 11.--Seasonal incentive fund included under various Federal milk orders, September

Marketing area	September				Marketing area	September				
	1971		1970			1971		1970		
	Dol. per 100 lb.					Dol. per 100 lb.				
Boston Regional	0.30	0.31	Nebraska-Western Iowa 1/							
Central Illinois	.19	.27	New York-New Jersey			0.32	0.33			
Connecticut	.42	.43	Ohio Valley			.27	.26			
Eastern Ohio-Western Pa.	.25	--	Paducah							
Eastern South Dakota 2/	---	.23	St. Louis-Ozarks			.24	.25			
Indiana	.32	.35	Southern Illinois			.25	.24			
Louisville-Lexington-Evansville	.42	.42								

1/ Seasonal incentive Payment plan suspended for 1970 and 1971.

2/ Seasonal incentive payment plan terminated February 1971.

Table 12.--Filled milk sales in Federal milk order markets, January 1971 to date, with comparisons 1/

Month	1970				1971			
	Markets		Volume		Markets		Volume	
	Numbers		1,000 lb.		Numbers		1,000 lb.	
January	18	:	3,425	:	14	:	2,491	
February	19	:	2,913	:	15	:	2,218	
March	19	:	3,356	:	15	:	2,332	
April	18	:	3,233	:	16	:	2,159	
May	17	:	3,025	:	15	:	1,929	
June	18	:	2,859	:	15	:	1,765	
July	19	:	2,833	:	13	:	1,701	
August	18	:	2,756	:	13*	:	1,609*	
September	15	:	2,774	:	14	:	1,685	
October	16	:	2,903	:		:		
November	16	:	2,570	:		:		
December	13	:	2,611	:		:		
		:		:		:		

* Correction.

1/ The survey information reported here may not reflect all sales of filled milk in all order markets.

Table 13.--Dairy product prices and manufacturing milk prices used in Federal milk order pricing formulas, January 1971 to date, with comparisons

Month	Chicago		New York		Dairy product market prices		:Wis. assembling points plant 2/
					BUTTER	CHEESE	
	92-Score	: 93(92)-Score	: 92-Score	: 92-Score 1/	: 93-Score	: CENTS PER POUND	
1971	: 1970	: 1971	: 1970	: 1971	: 1970	: 1971	: 1970
January	: 69.77	: 67.61	: 69.77	: 67.61	: 70.75	: 68.58	: 71.07
February	: 69.78	: 67.60	: 69.78	: 67.60	: 70.75	: 68.70	: 70.75
March	: 69.78	: 67.95	: 69.78	: 67.95	: 70.73	: 68.82	: 70.75
April	: 67.78	: 69.83	: 67.78	: 69.83	: 70.73	: 68.82	: 70.73
May	: 67.78	: 69.85	: 67.78	: 69.85	: 70.75	: 68.74	: 70.75
June	: 67.78	: 69.81	: 67.78	: 69.81	: 70.75	: 68.75	: 70.74
July	: 67.78	: 69.80	: 67.78	: 69.80	: 68.74	: 68.74	: 70.75
August	: 67.78	: 69.80	: 67.78	: 69.80	: 68.74	: 70.85	: 68.73
September	: 68.13	: 70.52	: 68.12	: 70.53	: 69.23	: 71.32	: 68.75
October	: 70.12	: 70.15	: 70.15	: 70.15	: 71.33	: 71.72	: 71.72
November	: 69.88	: 69.88	: 69.88	: 69.88	: 70.88	: 70.88	: 70.88
December	: 70.40	: 70.46	: 70.46	: 70.46	: 71.68	: 71.53	: 71.24

Month	Prices paid for manufacturing grade milk. 3.5% butterfat content		Dollars per 100 lb. f.o.b. plant
	U. S. manufacturing plants 3/	Minn.-Wis. Manuf. grade milk 4/	
	1971	1970	
January	4.69	4.53	4.67
February	4.70	4.54	4.63
March	4.73	4.53	4.81
April	4.74	4.48	4.83
May	4.68	4.50	4.77
June	4.67	4.49	4.76
July	4.66	4.51	4.77
August	4.68	4.50	4.77
September	4.68	4.54	4.83
October		4.60	4.66
November		4.63	4.77
December		4.71	4.83

1/ 16th of preceding month through 15th of current month. 2/ 26th of preceding month through 25th of current month. 3/ 3.5 percent price converted by using Chicago 92-score butter price times 0.115. 4/ 3.5 percent price converted by using Chicago 92-score butter prices times 0.120. 5/(Chicago 92-score butter price times 4.2) plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents.

Table 14.--U.S. milk prices, 3.5 percent butterfat basis 1/, January 1971 to date, with comparisons

Month	1971*	All milk wholesale 2/	Milk eligible for fluid market 2/	Paid by dealers for milk used in: fluid products 3/	Manufacturing grade milk 2/	Paid farmers for milk used in:		
		1970**	1971*	1970**	1971*	Butter 4/	American cheese 4/ cheese 5/	Evaporated milk 5/
						1971*	1970**;	1971*
Dollars per 100 pounds								
Jan.	5.74	5.59	6.11	5.96	7.10	6.92	4.68	4.52
Feb.	5.68	5.53	6.04	5.91	7.07	6.94	4.69	4.54
Mar.	5.66	5.42	6.00	5.79	7.12	6.91	4.72	4.65
Apr.	5.61	5.41	5.95	5.77	7.11	6.88	4.73	4.67
May	5.51	5.32	5.84	5.67	7.14	6.89	4.68	4.49
June	5.46	5.30	5.78	5.65	7.11	6.88	4.67	4.49
July	5.57	5.43	5.93	5.81	7.11	6.90	4.66	4.51
Aug.	5.70	5.54	6.06	5.92	7.11	6.90	4.68	4.50
Sept.	5.85	5.71	6.22	6.10	7.11	6.92	4.68	4.53
Oct.		5.83		6.20		6.98		4.59
Nov.		5.83		6.17		7.05		4.66
Dec.		5.80		6.13		7.09		4.70
Av.		5.56		5.92		6.94		4.54
							4.53	
							4.52	
							4.51	
							4.50	
							4.49	
							4.48	
							4.47	
							4.46	
							4.45	
							4.44	
							4.43	
							4.42	
							4.41	
							4.40	
							4.39	
							4.38	
							4.37	
							4.36	
							4.35	
							4.34	
							4.33	
							4.32	
							4.31	
							4.30	

* Preliminary. ** Revised.

1/ Converted by using Chicago 92-score butter times 0.120.

2/ "Agricultural Prices," SRS.

3/ 3.5% price as reported in the "Fluid Milk and Cream Report," SRS.

4/ Milk Prices Paid by Creameries and Cheese Plants," SRS.

5/ "Evaporated, Condensed and Dry Milk," SRS.

Table 15.--Retail prices paid by consumers for dairy products, United States, January 1970 to date, with comparisons

Month	Milk				Ice cream				Cheese			
	25-city average 1/		At stores		(prepackaged) 2/		American process 2/		Butter 2/			
	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970	1971	1970
	Cents per $\frac{1}{2}$ gal.	Cents per $\frac{1}{2}$ lb.										
January	57.8	56.9	65.6	64.1	85.9	83.2	51.9	49.0	87.7	85.8		
February	57.6	57.0	65.7	64.2	85.4	83.2	52.0	49.5	87.8	85.6		
March	57.7	57.0	66.0	64.5	84.9	83.6	52.1	50.0	87.7	85.5		
April	58.0	57.1	66.3	64.7	84.6	83.6	52.5	50.3	87.8	86.0		
May	57.8	57.1	66.7	64.8	84.8	84.1	52.6	50.3	87.5	86.6		
June	58.0	57.1	66.8	64.9	84.6	84.5	53.0	50.3	87.6	86.7		
July	57.9	57.4	67.3	64.7	86.2	85.0	53.2	50.5	87.5	86.9		
August	58.0	57.4	67.5	65.0	85.7	85.4	53.1	50.6	87.5	87.0		
September	57.9	57.5	67.4	64.8	85.9	85.3	53.0	50.5	87.6	86.9		
October	57.9	58.0	67.5	65.2		85.2			50.7			87.3
November		57.7		65.2		85.4			51.0			87.6
December		57.6		65.4		85.4			51.6			87.7

1/ "Fluid Milk and Cream Report," SRS. Prices are the latest reported to the 10th of each month. Grade and kind of container may differ by markets.

2/ "Retail Food Prices," BLS.

Table 16.--Prevailing prices paid by consumers for the most common grade of whole milk, 25 cities, October 1971, with comparisons 1/

Market	Prices at stores				Prices delivered to homes			
	Oct.	Oct.	Sept.	Oct.	Oct.	Oct.	Sept.	Oct.
	1969	1970	1971	1971	1969	1970	1971	1971
Cents per half-gallon								
Boston, Mass.	53-56	55-58	58-60	58-60	66-72	66-72	70-75	70-75
Hartford, Conn.	56	54-59	57	57	70-71	67-73	73-78	73-78
New York, Metro., N.Y. ^{2/}	50-63	55-65	55-65	55-65	55-62	58-65	60-70	60-70
Philadelphia, Pa.	62	66	66	66	71-76	70-77	78-79	78-79
Pittsburgh, Pa.	58	65	65	65	62	69	69	69
Cleveland, Ohio	49-51	53-54	49-55	49-55	61-62	67-72	69-73	69-73
Indianapolis, Ind.	51	54	50-55	50-55	64	67	70	70
Chicago, Ill.	53-57	54-57	60	60	60-70	62-72	65-70	65-70
Detroit, Mich.	53-55	49-55	53	53	62	62	59	59
Milwaukee, Wis.	51-53	47-50	50-51	50	56-57	55-58	60-61	60-61
Mpls.-St. Paul, Minn.	40	49	49	49	55	58	57	57
Kansas City, Mo.	53-55	57-59	61	61	62	61	64	64
Omaha, Nebr.	48-51	52-59	52-55	52-55	54	58	58	58
Baltimore, Md.	58	60-72	62	62	69	73	73-75	73-75
Washington, D. C.	55	57-66	59	59	71	74-78	79	79
Jacksonville, Fla.	48-69	69	59	59	68	69	63-69	63-69
Louisville, Ky.	55-59	59-62	59-65	59-65	62-64	62-67	67-69	67-69
New Orleans, La.	63	63	64	64	64	64	66	66
Dallas, Texas	61-62	59-64	59-65	59-65	63-64	65-66	66-68	66-68
Denver, Colo.	49-51	54-56	57-59	57-59	55-57	62	66	66
Salt Lake City, Utah	55	61	59	59	56	59	59	59
Seattle, Wash.	51-60	54-63	54-63	54-63	53-61	56-64	60-76	60-76
Portland, Oreg.	53-62	55-62	55	55	68	66	70	70-75
Los Angeles, Calif.	50	52	54	54	63	65	67	67
San Francisco, Calif.	51	54	56	56	61	65	67	67
25 Cities average	54.6	58.0	57.9	57.9	62.9	65.2	67.4	67.5

1/ "Fluid Milk and Cream Report," SRS. Prices are the latest reported to the 10th of each month.

Grade and kind of container may differ by markets.

2/ New York Metropolitan: New York City plus Nassau, Suffolk and Westchester Counties.

3/ Includes 3-cent delivery charge for first unit of each home delivery.

Table 17.--U.S. production, January 1971 to date, with comparisons

Month	Milk 1/		Butter 2/		American cheese 2/		Nonfat dry milk 3/	
	1971*	1970**	1971*	1970**	1971*	1970**	1971*	1970*
	Bil. lb.		Mil. lb.		Mil. lb.		Mil. lb.	
Jan.	9.5	: 9.4	: 103.8	: 99.7	: 113.8	: 105.8	: 117.0	: 102.5
Feb.	9.0	: 8.9	: 97.8	: 92.5	: 104.8	: 102.3	: 114.8	: 106.8
Mar.	10.2	: 10.1	: 111.0	: 107.0	: 126.9	: 120.4	: 134.1	: 132.2
Apr.	10.4	: 10.3	: 113.0	: 110.9	: 137.3	: 130.5	: 157.2	: 148.4
May	11.2	: 11.1	: 119.5	: 116.9	: 159.0	: 148.2	: 186.5	: 185.7
June	10.8	: 10.8	: 112.2	: 113.3	: 161.9	: 150.7	: 177.8	: 169.5
July	10.3	: 10.2	: 90.2	: 92.1	: 141.6	: 134.6	: 137.3	: 141.4
Aug.	9.9	: 9.8	: 79.6	: 78.7	: 129.6	: 117.7	: 117.6	: 117.7
Sept.	9.4	: 9.3	: 69.0	: 71.8	: 112.4	: 103.6	: 92.2	: 88.1
Oct.				: 81.6		: 104.5		: 94.8
Nov.				: 78.9		: 95.5		: 88.5
Dec.				: 93.1		: 112.1		: 116.9
Year to date	90.8	: 117.4	: 896.0	: 1,136.7	: 1,187.3	: 1,425.9	: 1,234.5	: 1,492.5

* Preliminary. ** Revised. 1/ "Milk Production," SRS. 2/ "Production of Creamery Butter and Cheese," SRS. 3/ "Evaporated, Condensed and Dry Milk," SRS.

Table 18.--Commercial and Government storage holdings, January 1971 to date, with comparisons

Month	Storage Holdings 1/											
	Butter 2/			American Cheese 2/			Nonfat dry milk					
	Commer-	Gov't	Total	Commer-	Gov't	Total	Commer-	Gov't	Total			
Commer-	Cial	1971*	: 1971*	1970**	Cial	1971*	1970	1971*	1971*	1970**		
1971*	:	:	:	1971*	:	1971*	:	3/	4/	:		
	Million pounds			Million pounds			Million pounds					
Jan.	27.4	: 91.9	: 119.3	: 77.4	: 254.3	: 0.8	: 255.1	: 249.6	: 97.7	: 39.3	: 137.0	: 180.8
Feb.	30.9	: 102.3	: 133.2	: 81.3	: 242.5	: .8	: 243.3	: 238.0	: 89.8	: 10.7	: 100.5	: 165.7
Mar.	36.0	: 121.9	: 157.9	: 91.1	: 235.4	: .9	: 236.3	: 238.9	: 90.4	: 14.1	: 104.5	: 160.3
Apr.	22.2	: 158.2	: 180.4	: 114.2	: 247.4	: .6	: 248.0	: 257.7	: 104.9	: 14.1	: 119.0	: 167.5
May	33.5	: 176.3	: 209.8	: 146.6	: 267.1	: 1.7	: 268.8	: 281.5	: 136.9	: 14.5	: 151.4	: 208.7
June	33.4	: 201.7	: 235.1	: 186.0	: 293.8	: 3.0	: 296.8	: 313.2	: 157.1	: 29.1	: 186.2	: 227.2
July	35.6	: 217.4	: 253.0	: 203.5	: 308.2	: 3.4	: 311.6	: 324.4	: 164.1	: 48.5	: 115.6	: 107.1
Aug.	31.5	: 215.3	: 246.8	: 198.0	: 300.8	: 3.1	: 303.9	: 309.4	: 155.6	: 40.7	: 196.3	: 229.8
Sept.	27.4	: 199.3	: 226.7	: 171.3	: 283.1	: 3.0	: 286.1	: 290.7	: 119.7	: 55.2	: 174.9	: 214.0
Oct.				: 147.5				: 264.8				: 172.5
Nov.				: 134.3				: 254.8				: 151.3
Dec.				: 118.8				: 254.0				: 143.9

* Preliminary. ** Based on partially revised data. 1/ End of month. 2/ "Cold Storage Report," SRS.

3/ "Evaporated, Condensed and Dry Milk," SRS. 4/ "Summary of Processed Commodities in Store," ASCS.

Table 19.--U.S.D.A. purchases (Delivery basis), January 1971 to date, with comparisons

Month	: Milk equivalent of net						: U.S.D.A. purchases 2/	
	Butter 1/		American cheese 1/		Nonfat dry milk 1/		: U.S.D.A. purchases 2/	
	1971	1970	1971	1970	1971	1970	1971	1970
	1,000 lb.		1,000 lb.		1,000 lb.		Mil. lb.	
Jan.	25,077	: 13,998	: 168	: 3/ 1,949	: 23,255	: 24,942	: 557	: 314
Feb.	36,538	: 27,282	: 4,334	: 3/ 2,150	: 29,931	: 24,491	: 833	: 595
Mar.	56,483	: 17,782	: 9,408	: 3/ 1,949	: 30,296	: 33,183	: 1,298	: 394
Apr.	22,635	: 30,394	: 5,981	: 403	: 37,662	: 35,687	: 563	: 643
May	33,606	: 47,348	: 7,753	: 5,767	: 57,362	: 47,818	: 802	: 1,054
June	57,388	: 50,203	: 10,465	: 8,981	: 80,435	: 66,371	: 1,329	: 1,146
July	26,702	: 25,219	: 10,848	: 8,875	: 54,829	: 53,365	: 691	: 649
Aug.	14,784	: 12,204	: 13,684	: 8,095	: 42,474	: 35,281	: 468	: 352
Sept.	5,232	: 4,928	: 10,516	: 5,664	: 39,575	: 35,948	: 206	: 164
Oct.		: 5,135		: 2,150		: 33,201		: 153
Nov.		: 6,978		: 1,781		: 27,864		: 178
Dec.		: 4,928		: 1,177		: 33,482		: 132
Year to date	278,436	: 246,399	: 4/ 73,157	: 48,941	: 5/ 395,819	: 6/ 451,633	: 7/ 6,747	: 8/ 5,774

1/ "Dairy Price Support Activity Report," ASCS. 2/ U.S.D.A. purchases (delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese, includes purchases under Section 709. 3/ Purchased under Section 709 of the Agricultural Act of 1965. 4/ Includes 5,309 thousand pounds of American cheese purchased under Section 709 of the Agricultural Act of 1965, January to date 1971. 5/ Includes purchase of instant nonfat dry milk of 70,300 thousand pounds January to date 1971, and 27,702 thousand pounds, same period in 1970.

6/ Includes purchase of instant nonfat dry milk of 45,883 thousand pounds for the year 1970.

7/ Includes purchase of evaporated milk of 189 million pounds January to date 1971 and 49 million pounds, same period in 1970. 8/ Includes purchase of evaporated milk of 103 million pounds for the year 1970.

MOVEMENTS OF MILK AND CREAM IN AND OUT OF FEDERAL ORDER MARKETS

Federal milk marketing orders regulate handlers of fluid milk. Regulation under Federal orders is based on the areas in which handlers sell milk rather than the areas from which they buy milk. Handlers having distribution of fluid milk products within a designated Federal order marketing area and meeting specified distribution standards are subject to the terms of the order for that market. However, the sales routes of many regulated handlers extend beyond the limits of Federal order marketing areas with the result that some of the sales by such handlers are made outside the areas defined by the orders by which they are regulated.

Regulated handlers may make sales to handlers regulated under different orders, or they may make direct packaged route sales into other order areas. They may also make sales to unregulated plants, or on routes to unregulated areas. Total packaged disposition in and out-of-area in October 1970 by all fully regulated Federal order handlers was over 3.6 billion pounds. Eighty-seven percent of these sales were made in the marketing areas of orders under which the handlers were regulated.

The total sales by regulated handlers in a particular area do not represent all fluid sales made in that marketing area, since handlers regulated by other Federal orders, producer-handlers and partially regulated handlers may also sell milk in the marketing area.

Movements between Federal order marketing areas. Movements of milk and cream between Federal order markets as a percentage of total packaged disposition by fully regulated handlers trended upward during the Octobers of 1959-1967. This trend reflected advances in refrigeration, processing and packaging techniques, along with increased distribution of milk through stores. Some handlers have established large centralized bottling and distribution plants serving several formerly distinct markets. Economies of scale associated with such operations apparently more than offset additional transportation costs. During recent years, however, inter-order movements of packaged and bulk milk have stabilized and represent about 10 percent of total packaged disposition by fully regulated handlers.

The volumes of movements of milk and cream between orders increased each October from 1959-1969. Such movements in October 1970 were less than in October 1969, reflecting the August 1970 mergers of eight marketing areas into two.

Movements of milk and cream between Federal order markets in October 1970, totaled nearly 371.2 million pounds or 10.1 percent of total packaged disposition. Sales to other markets included: 237.2 million pounds of direct in-area packaged route sales and 134 million pounds of packaged and bulk milk sold to other order plants.

Sales to other order plants included 24.5 million pounds of packaged product and 109.6 million pounds of bulk product (46.2 million pounds of the bulk movements were requested at Class II or III and 63.4 million pounds were subject to proration, Class I-Class II or III.)

The five leading markets in volumes of packaged sales to other order markets were Chicago Regional, St. Louis-Ozarks, Southern Illinois, Indiana, and Middle Atlantic. Handlers in these markets had combined sales to other Federal marketing areas of about 88.6 million pounds in October 1970, about one-third of all packaged transfers between different Federal order markets.

Movements into unregulated marketing areas. Sales to unregulated areas, as a percentage of total packaged disposition, have trended downward during the 1959-1970 period, with the exception of October 1966 and 1967 (regulation of the Chicago area was terminated from May 1966 to July 1968.) Enlargement of the order program by the addition of new marketing areas and the expansion of existing areas are important factors which results in a smaller proportion of handlers' sales being made outside the order area under which they are regulated.

In October 1970, sales into unregulated areas totaled about 230 million pounds, or 6.3 percent of total packaged disposition. The majority of these sales (204 million pounds) were in packaged form and distributed on routes into surrounding areas adjacent to Federal order marketing areas; the remainder was bulk movements to unregulated plants for Class I.

Receipts in Federal order marketing areas from other than fully regulated sources. Movements of milk and cream into Federal order markets by other than fully regulated handlers (in-area packaged route sales and sales to handlers' pool plants) as a percentage of total packaged disposition by fully regulated handlers has changed little during the 1959-1970 period. The volumes of these movements, however, increased in recent years reaching 257.6 million pounds in October 1970. The majority of these receipts over the years have been received at handlers' plants in the form of bulk nonfluid milk products. These other source receipts at Federal order pool plants have represented five to six percent of total packaged disposition by fully regulated handlers each year. Almost all of these plant receipts (98 percent) were allocated to Class II or III uses in October 1970.

In-area packaged sales by producer-handlers as a percentage of total packaged disposition increased gradually from October 1959 to October 1967. This percentage has fallen off slightly in recent years although the sales volumes increased until 1970.

In October 1970, in-area packaged route sales by producer-handlers (40.7 million pounds) and by partially regulated handlers (11.3 million pounds) totaled 52 million pounds. The quantity of in-area packaged route sales by both types of handlers were insignificant (1.4 percent) when compared to total packaged disposition by Federal order handlers. In three markets, however, the quantities of in-area route sales by producer-handlers and partially regulated handlers were more than 10 percent of the total packaged disposition by regulated handlers in those markets.

Movements out of and into each Federal order marketing area. Movements of milk and cream out of and into each Federal order market in October 1970 as a percentage of total packaged disposition by handlers regulated in each of the 62 Federal order markets operating in October 1970 are reported on table 20. The relative size of these movements depends upon the nature and location of the individual markets. In most of the markets which include large metropolitan areas, movements out of and into defined marketing areas represent a relatively small proportion of total packaged disposition by regulated handlers. Conversely, in markets with smaller population centers, movements represent a larger proportion of total packaged sales.

Table 20.--Movements of milk and cream into and out of Federal order markets in October 1970. For each market, receipts from and sales to other order markets and unregulated areas as a percentage of total packaged disposition by fully regulated handlers

Region and market	Receipts from						Sales to					
	other order markets			other sources			other order markets			unregulated areas		
	At pool	In-		At pool	In-		Total	To pool	In-	Bulk	Pkgd.	
	Total	plants	: area	plants	: area		Total	plants	: area	4/	5/	
	: Bulk	1/	: Pkgd.	: route	2/	: route	: Bulk	: Pkgd.	: route	4/	5/	
	Percent			Percent			Percent			Percent		
NEW ENGLAND	:			:			:			:		
Massachusetts-R.I.-N.H.	8.2	: 4.9	: 6/	: 3.3	1.7	: 1.7	5.8	: 7/	: 7/	: 5.8	0.7	: 3.0
Connecticut	14.6	: .5	: 6.0	: 8.1	.2	: 1.4	22.0	: 12.6	: 7/	: 9.4	0	: 8/
MIDDLE ATLANTIC	:			:			:			:		
New York-New Jersey 9/	4.1	: 1.2	: 6/	: 2.9	10/	: 10/	1.3	: .3	: 7/	: 1.0	10/	: 10/
Middle Atlantic	2.3	: 6/	: 6/	: 2.3	5.0	: 1.7	6.1	: 1.2	: 7/	: 4.9	1.1	: 11.4
SOUTH ATLANTIC	:			:			:			:		
Appalachian	5.4	: 6/	: .1	: 5.3	.7	: 1.7	22.9	: 7.2	: 7/	: 15.7	27.4	: 36.1
Tampa Bay	22.8	: 2.3	: 2.1	: 18.4	10.1	: 13.6	2.8	: 7/	: 7/	: 2.8	0	: 0
Southeastern Florida	5.4	: .4	: .2	: 4.8	8.2	: .2	8/	: ---	: ---	: ---	8/	: .5
Upper Florida	11.8	: 9.9	: .2	: 1.7	10.5	: 1.7	12.4	: 7/	: 7/	: 12.4	8/	: 8/
EAST NORTH CENTRAL	:			:			:			:		
Upstate Michigan	162.1	: 82.6	: 5.8	: 73.7	1.9	: 11/	13.6	: 0	: 7/	: 13.6	0	: 0
Southern Michigan	2.4	: 0	: .9	: 1.5	.5	: .4	7.2	: 1.4	: 1/	: 5.7	.1	: 1.0
Eastern Ohio-Western Pa.	7.6	: 1.1	: 8	: 5.7	3.3	: 2.1	4.7	: 3.0	: 1/	: 1.6	.5	: 1.6
Ohio Valley	13.4	: 4.4	: .2	: 8.8	11.3	: .1	6.9	: .2	: .9	: 5.8	.1	: 2.4
Mich. Upper Peninsula	29.7	: 0	: 6/	: 29.7	18.6	: 1.4	8/	: ---	: ---	: ---	0	: 8/
Chicago Regional	1.8	: 6/	: *	: 1.8	4.6	: .7	9.3	: 1.8	: .6	: 6.9	.1	: 3.0
Louisville-Lex.-Evans.	12.9	: *	: .9	: 12.0	4.6	: 11/	21.6	: 4.9	: 1.0	: 15.7	12/	: 7.9
Indiana	22.6	: 3.6	: .5	: 18.5	3.0	: 11/	13.5	: 1.6	: .3	: 11.6	.4	: 2.2
Southern Illinois	35.7	: .8	: .2	: 34.7	8.6	: 11/	30.6	: 1.2	: 7.2	: 22.2	0	: 9.1
Central Illinois	54.7	: 21.2	: 7.2	: 26.3	16.8	: 11/	23.5	: 7/	: .8	: 22.7	0	: 3.3
WEST NORTH CENTRAL	:			:			:			:		
Duluth-Superior	4.7	: 6/	: 6/	: 4.7	36.3	: 1.2	8/	: ---	: ---	: ---	1.2	: 29.0
Minneapolis-St. Paul	.8	: 6/	: 6/	: .8	20.7	: .1	12.9	: 6.1	: 1/	: 6.7	1.0	: 5.0
Eastern South Dakota	24.9	: 0	: 6/	: 24.9	121.0	: 1.3	7.9	: 0	: 7/	: 7.9	12/	: 21.7
Black Hills	25.8	: 0	: 6/	: 25.8	8/	: 8/	8/	: ---	: ---	: ---	8/	: 8/
North Central Iowa	97.9	: 6/	: .2	: 97.7	12.8	: 0	38.7	: 38.7	: 0	: 13/	0	: 8/
Cedar Rapids-Iowa City	43.6	: 0	: 0	: 43.6	2.4	: 0	24.1	: 7/	: 0	: 24.1	29.8	: 14/
Quad Cities-Dubuque	14.1	: 6/	: .3	: 13.8	3.4	: 11/	35.4	: 0	: 7/	: 35.4	0	: 16.0
Des Moines	22.7	: 10.3	: .2	: 12.2	1.6	: 0	20.5	: 0	: 0	: 20.5	0	: 12.0
Nebraska-Western Iowa	4.4	: 6/	: *	: 4.4	21.8	: 1.3	4.0	: 0	: 7/	: 4.0	12/	: 10.0
Minnesota-North Dakota	8/	: ---	: ---	: ---	22.0	: 2.4	6.5	: 0	: 0	: 6.5	5.1	: 7.1
S.E. Minnesota-N. Iowa	23.3	: 6/	: .8	: 22.5	1.3	: 11/	21.4	: 1.4	: .3	: 19.7	0	: 6.5
St. Louis-Ozarks	9.1	: 6/	: 4.7	: 4.4	9.8	: 0	27.1	: 1.9	: 3.3	: 21.9	12/	: 12.0
Kansas City	9.6	: 6/	: 1.6	: 8.0	24.5	: 1.2	11.5	: 0	: .7	: 10.8	.4	: 11.9
Neosho Valley	77.5	: 6/	: 2.9	: 74.6	14.4	: 4.7	33.2	: 7/	: 7/	: 33.2	0	: 8/
Wichita	29.9	: 0	: .4	: 29.5	13.6	: 0	85.8	: 77.1	: 7/	: 8.7	0	: 8.9
EAST SOUTH CENTRAL	:			:			:			:		
Paducah	45.2	: 4.9	: 6/	: 40.3	1.9	: 0	21.2	: 7/	: 4.2	: 17.0	0	: 30.8
Nashville	17.8	: 0	: .4	: 17.4	2.9	: 11/	13.8	: 7.2	: 7/	: 6.6	10.9	: 2.7
Memphis	13.1	: 3.6	: 3.6	: 5.9	2.0	: 11/	15.7	: 7/	: 7/	: 15.7	12/	: 15.9
Knoxville	54.7	: 6/	: 1.3	: 53.4	2.3	: 11/	8.8	: 7/	: 7/	: 8.8	0	: 5.0
Chattanooga	10.2	: 6/	: 2.7	: 7.5	3.1	: 11/	57.2	: 35.4	: 7/	: 21.8	8/	: 8/
Mississippi	12.5	: 3.9	: .3	: 8.3	2.4	: 7.1	.8	: .8	: *	: 13/	1.4	: 5.5
Georgia	8.8	: 8.0	: *	: .8	3.2	: 1.8	2.4	: 7/	: 7/	: 2.4	3.6	: 11.0
WEST SOUTH CENTRAL	:			:			:			:		
Central Arkansas	22.0	: 9.6	: 4.5	: 7.9	1.9	: .3	5.3	: .3	: 7/	: 5.0	0	: 27.4
Oklahoma Metropolitan	47.0	: 40.8	: 2.3	: 3.9	4.2	: .9	19.4	: 4.8	: 7/	: 14.6	12/	: 15.3
Red River Valley	32.0	: 6/	: 6/	: 32.0	3.4	: 11/	173.9	: 154.9	: 7/	: 19.0	0	: 11.9
Texas Panhandle	28.7	: 6/	: 6/	: 28.7	2.3	: 0	20.8	: 0	: 0	: 20.8	0	: 6.8
Lubbock-Plainview	19.4	: 6/	: .3	: 19.1	3.2	: 11/	7.1	: 0	: 7/	: 7.1	0	: 0

Continued

Table 20.--Movements of milk and cream into and out of Federal order markets in October 1970. For each market, receipts from and sales to other order markets and unregulated areas as a percentage of total packaged disposition by fully regulated handlers -Con.

Region and market	Receipts from						Sales to					
	other order markets			other sources			other order markets			unregulated areas		
	At pool	In- plants	In- area	At pool	In- plants	In- area	Total	To pool	In- plants	In- area	Bulk	Pkgd.
	2/	2/	route 3/	2/	2/	route 3/	Total	2/	2/	route 3/	4/	5/
	Percent			Percent			Percent			Percent		
WEST SOUTHERN CENTRAL	:	:	:	:	:	:	:	:	:	:	:	:
Northern Louisiana	: 0.7 :	0.4 :	0.3 :	0	2.3 :	0.8	0	0 :	0 :	0 :	0	12/ : 27.4
New Orleans	: .9 :	.6 :	.3 :	0	4.7 :	0	2.2 :	7/ :	8/ :	2.2	12/	: 22.8
North Texas	: 10.4 :	4.0 :	.4 :	6.0	4.0 :	.3	18.7 :	4.0 :	.4 :	14.3	12/	: 1.1
Central West Texas	: 20.2 :	6/ :	.2 :	20.0	3.7 :	11/	5.0 :	7/ :	0 :	5.0	0	: 24.4
San Antonio	: 30.4 :	30.4 :	15/ :	15/	1.9 :	0	19.4 :	7/ :	0 :	19.4	0	: 17.5
Corpus Christi	: 19.8 :	6.3 :	6/ :	13.5	4.2 :	11/	8/ :	---	---	---	0	: 9.4
South Texas	: 21.4 :	15.6 :	.1 :	5.7	4.5 :	11/	11.3 :	11.2 :	.1 :	13/	0	: 1.5
MOUNTAIN	:	:	:	:	:	:	:	:	:	:	:	:
Eastern Colorado	: 3.0 :	0 :	.2 :	2.8	6.0 :	4.5	2.1 :	0 :	7/ :	2.1	0	: 5.3
Great Basin	: 8/ :	---	---	---	12.6 :	8.0	.6 :	0 :	7/ :	.6	.1	: 6.7
Western Colorado	: 10.9 :	0 :	6/ :	10.9	34.5 :	11/	8/ :	---	---	---	0	: 11.0
Central Arizona	: 0 :	0 :	0 :	0	5.9 :	6.0	8/ :	---	---	---	12/	: 8.3
Rio Grande Valley	: 15.0 :	6/ :	1.3 :	13.7	2.3 :	16.2	6.1 :	4.1 :	0 :	2.0	0	: 3.8
PACIFIC	:	:	:	:	:	:	:	:	:	:	:	:
Puget Sound	: 2.0 :	2.0 :	15/ :	15/	3.2 :	10.2	3.5 :	7/ :	.2 :	3.3	12/	: 11.9
Inland Empire	: 1.8 :	6/ :	.8 :	1.0	7.4 :	1.5	23.2 :	23.2 :	13/ :	13/	1.5	: 14.3
Oregon-Washington	: 7.6 :	6/ :	*	7.6	19.3 :	6.3	.7 :	7/ :	7/ :	.7	0	: 1.6
Total all markets 16/17/	: 11.1 :	3.3 :	.8 :	7.0	6.5 :	1.6	11.5 :	3.4 :	.8 :	7.3	.8	: 6.4
Total all markets 17/	: 10.2 :	18/3.0 :	.7 :	6.5	5.6 :	1.4	10.2 :	19/3.0 :	.7 :	6.5	.7	: 5.6

* Indicates quantity less than 0.1 percent.

1/ For Class I and surplus uses.

2/ Receipts from all sources other than producers and other Federal orders. Includes, among other things, receipts from unregulated supply plants, fluid milk equivalent of nonfluid milk products, and non-Grade A receipts. NOTE: For all markets, approximately two percent of these receipts were allocated to Class I.

3/ Includes packaged route sales by producer-handlers and partially regulated handlers.

4/ For Class I use.

5/ Includes out-of-area route sales in unregulated areas and sales to unregulated plants. NOTE: For all markets, approximately 98 percent of these sales were on routes into surrounding areas adjacent to Federal order marketing areas.

6/ Included with in-area route receipts from other order markets.

7/ Included with in-area route sales to other order markets.

8/ Restricted.

9/ As reported by other markets.

10/ Not available.

11/ Included with pool plant receipts from other sources.

12/ Included with packaged sales to unregulated areas.

13/ Included with bulk sales to other order pool plants.

14/ Included with bulk sales to unregulated areas.

15/ Included with bulk receipts at pool plants from other order markets.

16/ Excludes New York-New Jersey.

17/ Includes Fort Smith and Austin-Waco.

18/ Approximately 50 percent of the bulk receipts were allocated to Class I.

19/ Approximately 42 percent of the bulk sales were requested Class II or III.

Table 21.--Sales of milk and cream out of Federal order markets, and such sales as a percentage of total packaged disposition by fully regulated handlers under Federal orders for the month of October 1959 and 1961 through 1970 1/

	Total packaged	Packaged sales to:	Bulk sales to:									
	disposition by											
	regulated handlers											
	:Disposed	Other Federal order markets	Other Federal order markets									
October	:of in											
	Volume	market-	Unregulated areas									
	2/	ing area	areas									
	where	Pool plants	In-area routes									
	regu-											
	lated											
	Mil. lb.	1,000 lb.	1,000 lb.									
	Pct.	Pct.	Pct.									
1959	2,411	87.1	2,349	0.1	53,977	2.2	256,326	10.6	42,879	---	---	---
1961	2,603	86.3	9,965	.4	87,110	3.3	259,718	10.0	35,594	---	---	---
1962	2,827	86.4	14,121	.5	119,522	4.2	250,958	8.9	41,840	---	---	---
1963	2,955	85.5	10,891	.4	136,102	4.6	279,277	9.5	57,293	---	---	---
1964	3,047	86.0	13,215	.4	139,057	4.6	274,663	9.0	55,525	---	---	---
1965	3,034	86.3	16,263	.5	170,214	5.6	231,829	7.6	64,886	16,699	29,096	
1966	2,915	83.5	18,020	.6	173,278	5.9	5/293,028	10.0	73,643	21,935	43,521	
1967	2,999	83.7	22,453	.7	193,927	6.5	5/272,985	9.1	63,144	29,164	29,450	
1968	3,416	86.8	20,703	.6	216,242	6.3	213,961	6.3	73,184	35,609	28,218	
1969	3,579	85.9	22,418	.6	260,817	7.3	222,718	6.2	64,254	40,266	19,514	
1970	3,657	87.2	24,481	.7	237,181	6.5	204,052	5.6	63,427	46,156	25,941	

1/ Includes all markets under regulation during October of each year shown. Data are unaudited figures.

Percentages computed from unrounded pounds.

2/ Includes receipts of packaged milk from other handlers (24,900 thousand pounds in 1970).

3/ Volumes for 1959 and 1961 through 1964 represent bulk sales for Class I and surplus uses.

4/ Class I.

5/ Data influenced by the termination of the Chicago order. A number of plants formerly regulated by the Chicago order became regulated by nearby orders and their sales into Chicago were reported as sales to unregulated areas.

Table 22.--Receipts of milk and cream in Federal order markets by other than fully regulated handlers, and such receipts as a percentage of total packaged disposition by fully regulated handlers under Federal orders for the month of October 1959 and 1961 through 1970 1/

	Packaged receipts in	Other				
	Federal order markets	source				
	(in-area routes) from:	receipts				
	:					
October	Producer-	Partially				
	handlers	regulated				
	:	handlers				
	:					
	1,000 lb.	Pct.				
	1,000 lb.	Pct.				
	1,000 lb.	Pct.				
1959	12,033	0.5	6,203	0.3	153,400	6.4
1961	17,108	.7	7,001	.3	170,172	6.5
1962	20,734	.7	5,707	.2	180,877	6.4
1963	20,739	.7	6,871	.2	174,149	5.9
1964	23,921	.8	7,802	.3	172,385	5.7
1965	25,105	.8	5,800	.2	172,974	5.7
1966	28,672	1.0	3/ 14,593	.5	160,035	5.5
1967	38,417	1.3	17,071	.6	162,207	5.4
1968	41,296	1.2	6,788	.2	205,426	6.0
1969	42,554	1.2	6,569	.2	181,273	5.1
1970	40,685	1.1	11,305	.3	205,599	5.6

1/ Includes all markets under regulation during October of each year shown. Data are unaudited figures.

2/ Receipts from all sources other than producers and other Federal orders. Includes among other things, receipts from unregulated supply plants, fluid milk equivalent of nonfluid milk products, and non-Grade A receipts.

3/ Data influenced by the termination of the Chicago order.

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MAJOR ORDER ACTIONS, SEPTEMBER 1971

Amendment:

Middle Atlantic - September 1 (36 FR 17491, 9/1/71). This amendment increases the limitations on diversions to nonpool plants from 15 percent to 25 percent of the producer milk for any month of September through February.

Suspensions:

Central Illinois - September 1 (36 FR 17492, 9/1/71). This suspension removes for August 1971 the provisions that limit the proportion of each producer's monthly milk production that may be diverted as producer milk from a pool plant to a nonpool plant.

Des Moines - September 4 (36 FR 17817 9/4/71). This suspension removes, for the period September 1971 through February 1972, the automatic Class I classification of milk moved to nonpool plants located more than 150 miles from the nearest of Corydon, Creston, Des Moines, Grinnell, Jefferson, or Ottumwa, Iowa.

Inland Empire - September 23 (36 FR 18854, 9/23/71). This suspension removes for September 1971 the requirement that a producer deliver at least 6 days' production to a pool plant to qualify his milk for diversion to nonpool plants during the month. It also removes the provision limiting the total quantity of milk that may be diverted by a cooperative to 20 percent of the total producer milk marketed by its members during the month.

Mississippi, Nashville, and Red River Valley - September 1 (36 FR 11511, 9/1/71). This action suspends the Mississippi and the Nashville order cooperative pool plant provisions that permit cooperatives to designate as pool plants, plants they operate but from which they do not ship milk to the market. It also suspends the Red River Valley order provision that permits unlimited diversion of milk from a pool plant to a nonpool plant during the months of September through December.

Termination:

New Orleans - September 1 (36 FR 12275, 6/30/71). This action terminates all provisions of the base-excess plan from the order.